60th Anniversary

marantz®

the complete range 2013-2014

a tribute to music

because music matters

MARANTZ
A JOURNEY OF LOVE AND DEVOTION

It all started in 1948 when CBS introduced the first LP records, sparking the public's interest in quality music reproduction. One of those who was swept along was music lover, freelance graphic artist and amateur musician: Saul Bernard Marantz, a native New Yorker born in 1911. While he was an enthusiast, he was deeply unhappy with the playback equipment available at the time, so he spent many hours in his basement designing, constructing and rebuilding his own amplifiers to play his cherished LPs. Four years later he had perfected a revolutionary pre-amplifier – equipped with every equalizer curve he could find to handle the then unstable recording characteristics. He called it the 'Audio Consolette' and it made such a powerful impression on everyone who heard it that he decided to make and sell 100 sets. Less than 12 months later, he had sold more then 400 consolettes and the Marantz company had been established.

Today, that same passion for perfection and devotion to music are the defining factors of the Marantz company. Sixty years after its birth, Marantz design engineers are still pushing the boundaries of technical excellence. At Marantz we believe technical excellence is a journey - not a destination. Each new incremental breakthrough is celebrated by everyone because each new step takes us closer and closer to reproducing music exactly how the original artist intended. It's a journey we are proud to travel. No matter where it takes us.

because music matters

A HISTORY OF MILESTONES

1953: The “Audio Consolette”
The first-ever Marantz-inspired product was indeed a breakthrough moment in audiophile history. It was also the first of many.

1958: New quality benchmark
One of the most pivotal moments came with the simultaneous release of three legends: the Model 7 (pre-amplifier), Model 8 (stereo power amp) and the Model 9 (mono power amp), all introduced in 1958. These units redefined HiFi quality by such a quantum leap, that they remained benchmark models for 11 consecutive years, with the Model 7 selling more than 130,000 units. Soon after in 1963, the Model 10B also redefined quality for FM tuners with its in-built oscilloscope that verified power and balance.

1970s: Mega-amp revolution
This era saw Marantz reach new heights with very powerful amplifiers and receivers, of which the Model 500 produced a remarkable 2x 250W / 8 ohm. By the early 80s the Model 2600 2ch receiver was also gaining popularity, this 32kg unit boasted 300 watts RMS per channel x2 at 8 ohms.

Then followed the Esotec Series, which included the 42kg SM1000 stereo power amp with 2x 400W / 8 ohms. The Esotec Series is also currently treasured by audiophiles for its unique TT1000 turntable which features a glass-aluminium sandwich chassis.

1980s: Compact Disc
Within one year of the CD format being finalized in 1983, Marantz, Philips and Sony were first to launch commercial CD-Players. At that time decoders only delivered a 14bit resolution, however with 4x oversampling, the Marantz player CD63 reached a resolution of 16bit and the company immediately won the deserved reputation as the CD-Specialist.

First Dolby Surround
1985 saw Marantz setting new standards in the AV world, with the revolutionary RV-55 the first commercially available set with a Dolby Surround processor. This made it possible – for the first time ever – to enjoy fantastic cinema. People could experience the ear-cracking Star Wars Trilogy, the thunder of Ghostbusters and the music of Flashdance – all in their own living room.

1990s: Superior CD players
In 1993 a new CD-63 was developed, although it carried the same name as its predecessor it was light years from the original CD63 technology of 1983. This player sold more than 160,000 pieces, and was the inspiration behind the first ever KI Signature model in 1995.

First audiophile 5-channel AV-Receiver
Later in 1999 the first audiophile 5-channel AV-Receiver was introduced, the SR-14, for which Marantz applied its expertise gained made from Premium Audio Reproduction. The result was a completely new benchmark in AV quality, and not surprisingly the SR-14 won many awards and was installed in many reviewer listening rooms as the “one to beat”.

2000s: Reference Quality
Since then Marantz, as a CD-Specialist, has continued to work at the forefront, and when the Super Audio CD (SA-CD) was introduced in 1999, the company launched the reference player SA-1. In 2006 it was time for a new reference Player SA-7S1 which was guided by the preamplifier SC-7S1 and the power mono amp MA-9S1.

2013: The birth of an entirely new era
And now, in the year of its 60th anniversary, Marantz unveils a new era in audiophile sensation. Just as the first pre-amp made the very most of LP vinyl records, and the Marantz CD63 defined a new level CD quality, so too is the next new media being given the Marantz touch of excellence: the new NA-11S1 Network Player and the new Consolette Wireless Streaming Speaker. What a fabulously poetic way to start the next 60 years!

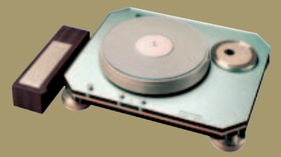
For more information please visit our dedicated microsite: www.marantz.eu/history

1953 Audio Consolette

1958 Model 9 / Model 7

1979 Model 2600

1979 TT1000



1983 CD63

1999 SR-14

1999 SA-1

2013 Consolette

born in the city that never sleeps

THE COMPLETE RANGE

In 1953 the first ever Marantz protégé was imagined, conceived and conjured into reality. Sixty years is a long time, a true milestone – especially in an industry that is constantly changing, revolutionising and reinventing itself. So for this year's collection of exquisites we thought we would celebrate our 60th anniversary with a look back at where it all started. We wanted to remind ourselves and our friends of the birthplace that helped sculpt the unique Marantz DNA.

To anyone who knows Marantz, it is no surprise that our birthplace is the city that never sleeps: New York.

The following pages depict the energy and the lust of New York: a city that is always moving, always alert, and always eager to seize the new. These are also qualities that are expressed in Marantz collections, but never more so than in this year's collection. This year we unveil the new NA-11S1: the first audiophile-grade USB-DAC Network Player for high-resolution digital audio from the PC and Internet. In addition, there's the Consolette: the first ever Wireless Streaming Speaker for audiophiles. Both are powerful examples of our eternal drive to seize new audio-visual intensity. But they are not the only ways to connect with new media. This year, all Marantz AV Receivers have network connectivity. There is even an amp with digital input built in. Add to that a couple of new flagship AV Separates, a new 7-ch power amp, and a quantum-leap upgrade of our stereo components, which includes the introduction of our new Premium Range 14-Series. There is also an entirely new approach to our systems solutions, making them also truly network and audio-streaming centric. All this, and more. There's never been a better time to seize the new.

Enjoy!

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a tribute to

past and future

Smalls Jazz Club, Greenwich Village
One of the best to see rising talent.

FIRST EVER WIRELESS STREAMING SPEAKER FOR AUDIOPHILES

Now you can enjoy and share with friends your new media playlists in superb quality – with the first ever Wireless Streaming Speaker for audiophiles: the Marantz Consolette. Named after the very first Marantz amplifier, this outstanding-quality music system uses the finest of components and the very latest of audio technologies, while the outward retro design reflects the prestige and heritage of the Marantz 60-year devotion to music reproduction.

The Marantz Consolette is superior style for the eyes and the ears. Not only is this outstanding speaker perfect for all iDevices, including iPad and AirPlay for wireless streaming – from any iOS device or your iTunes library - you can also stream your music from any Android smartphone or tablet. On top of this you can stream any kind of network stored music, be it on your PC or NAS, all wirelessly to the Consolette.

In addition, a specially developed mobile App adds extra functionality to the Consolette. For example, with the App you can effortlessly browse through the thousands of internet radio stations and you can even store your top six favourites on the Consolette's built-in memory ensuring that they are always instantly accessible even when you don't have your smart phone or tablet at hand. Also, as you would expect, the App provides setup and control assistance of the Consolette as well as providing its own music player. Apps are available for iOS and Android devices. It is the ultimate combination of quality, style and convenience – the Marantz Consolette.

The consolette

marantz

The moment you see it, you know it is something special. The front panel and controls are fashioned from metal and the rear is sculpted from genuine walnut wood. The retractable docking tray, Gyro control wheel and selection buttons are all engineered to feel solid and confident. While the elegant porthole and its iconic Marantz starburst confirm that you are in the presence of true craftsmanship.

But that's just the start. When it plays, it doesn't just reproduce high-quality audio, it floods your senses with energy, emotion, and passion. With 150 watts of power it effortlessly creates a panoramic stereo image that is founded on a rich and deep bass performance. The "reference quality" tuning is designed by the legendary Ken Ishiwata, every detail is reflected with pin-point accuracy. It gives you wireless audio streaming from any iOS or Android device as well as any other network stored media on your PC, NAS or your iTunes library. It also gives you both a Line-In and a USB port for system expansion.

To help ensure an incredible audio experience, Marantz created two new BMR drivers for the Consolette, which - thanks to their unique 180 degrees sound dispersion – produce unbelievably wide and stable stereo image. An image that has a clear and fixed position for each musical instrument and vocalist. In addition, unlike almost all other music systems the Consolette has no irritating hotspot: the one spot where stereo imaging is perfectly balanced. With the BMR drivers, the Consolette's stereo image is clearly maintained throughout the room, and most people find this an incredible experience from such a compact unit. Even though the left and right speakers are relatively close together, the special BMR drivers create a wide open sound stage. As you would expect from such an elegant and powerful masterpiece, a Premium remote controller is included, and already there is an App for iDevices and Androids. Everything is in place. Why wait a second longer? The audiophile Wireless Streaming Speaker is here and it goes by the name of Consolette.

For more information please visit our dedicated microsite: www.marantz.eu/consolette

marantz®

Consolette

Wireless
Music System

a tribute to perfection

The Brooklyn Bridge
the city's symbol of optimism and triumph

PREMIUM SERIES

It's a fact: not everyone can listen to music. Some people can only hear it. For those who are gifted with the talent of listening, music is a catalyst for their own emotions - inspiring, stimulating and exhilarating. To help inject all that emotional energy as faithfully as the original artist intended, Marantz has created the exquisite Premium Series. Moreover, this year's collection is packed with more perfection than ever before, and it marks the introduction of the remarkable NA-11S1 'Reference Standard' USB-DAC Network Player. A truly inspiring player that, for the first time ever, renders high-resolution new media files into 'studio master' quality audio. A true benchmark performance delivered, in part, by the unique Marantz Musical Mastering processing. The result is an entirely new level of superior quality. What's more, thanks to the vastly extended networking functionalities of this series, for the first time ever you can enjoy your 'new media' in the legendary pristine Premium Series quality. This year's Premium collection also includes an entirely new and totally sublime combination of Premium amp and SACD Player: the 14 Series. A seriously new combination that not only creates spectacular, earth-moving audio balanced with delicate minute detail but also includes on-board USB-DAC functionality for extreme versatility. Welcome to this year's Marantz Premium Series!

For more information please visit our dedicated microsite:
www.marantz.eu/premium

premium 11 series

marantz

NA-11S1

PREMIUM USB DAC NETWORK PLAYER

The NA-11S1 Premium USB DAC Network Player is arguably the most advanced player there has ever been. Why? Because for the first time ever, it is now possible to enjoy high-resolution new media at home in true 'studio master' quality. Inside there is no compromise. It includes the high-current Audiophile DAC, the DSD1792, as well as a Marantz original DSP and Digital Filter chip, the PEC777 – housing a high-end algorithm previously used only in professional recording studios, and we call it Marantz Musical Mastering. This type of filtering retains greater detail for an even wider sound stage and a perfect balance. Its analogue audio circuits feature Marantz HDAM®-SA2 and HDAM®. The Toroidal transformer ensures that there is always more than enough power the instant it's needed, while the rigid copper-plated chassis with 5mm thick aluminum top cover minimizes vibration and interference. Additionally, the newly developed ground/signal isolator technology virtually eliminates all PC noise. The DAC-mode features optical and coaxial digital inputs as well as a USB-B port for direct connection to a PC to replace its soundcard. The USB-B enables direct high definition audio streaming so you can make use of the high quality DAC and audio output stage of the player. The USB-B port works in asynchronous mode and supports not only 192kHz / 24bits but also the DSD 2.8MHz and 5.6MHz for maximized versatility and performance. You can play FLAC HD 192/24 files, WAV 192/24 files, Internet Radio and Streaming Services via Ethernet, and AirPlay Music Streaming from iTunes or iDevices – as well as many other file types. It is also DLNA 1.5 certified, so Android integration is easy, and the USB-A port on the front panel also makes playback from an iPod/iPhone/iPad or USB devices just as simple. This player has the lot. What more could you dream of?

premium 11 series

PM-11S3

PREMIUM INTEGRATED STEREO AMPLIFIER

This highly admired Premium amplifier is now in its third generation and is quite simply better than ever. That's because we added new Marantz-original high-quality, high-purity copper speaker terminals. There is also a new power amp direct input, and a new Marantz Remote App operation (iOS and Android) via the Marantz control bus with Network player. These additions, and the many refinements we have made, not only improve the audio quality and functionality of what was already a seriously impressive amp, but also ensure its success will continue for long into the future. Even before these refinements, the PM-11 was packed with advanced technologies to give you the best in detail, precision, and emotion. The shielded Toroidal transformer and customised components, ensure ultra-stable power output at 2x 100W into 8 ohms or 2x 200W into 4 ohms. Absolute signal integrity and very high signal-to-noise ratio is guaranteed via the 3-stage construction which includes a pre-amplifier and a dual stage main-amplifier, as well an extra pre-amplifier for Phono MM/MC. Key technologies include the latest Marantz Current Feedback HDAM-SA3, as well as symmetrical circuitry with the shortest signal paths to deliver dynamic sound and perfect stereo imaging. The result is an unbelievably wide sound stage, but with extremely precise positioning of instruments and vocals. In addition, the chassis and rear panel are copper-plated to guarantee low impedance ground potential at any point for best possible signal integrity. All of which means that the PM-11S3 is a reflection of superiority.

SA-11S3

PREMIUM SUPER AUDIO CD PLAYER

This third generation of the spectacular SA-11 features a brand new SACD two-disc mechanism and a new High Current Audiophile DAC. The result is even finer, more delicate audio detail. But even before these new refinements, this player was already standards-setter of repute because it utilises many of the advanced technologies that were originally developed for the Reference Series SA-7S1. For example, it uses the exclusive Marantz Musical Mastering Filtering technology, which makes standard CDs sound as incredible as SACDs. It offers two filters for different tastes, not just for discs, but for any digital signal. It also uses a high-end algorithm previously used only in professional recording studios. This type of filtering retains greater detail for an even wider sound stage and a perfect balance. In addition, it provides fully balanced signal handling on short, symmetrical, and discrete circuit architecture as well as the HDAM-SA2 high-speed amplifier module. The internal high-precision clock minimises jitter to the lowest possible level, while the rigid double-layer chassis dampens vibration to an absolute minimum. There is also extensive copper-plating and system-block shielding to keep the signal as clean as possible. You also get a high-quality headphone output featuring HDAM-SA2 and current feedback amplification. In addition, we have included a USB input on the front panel for playback and recharging. The DAC mode offers three digital inputs – the USB-B works in asynchronous mode when directly connected to the PC, plus coaxial and optical digital input. All of which means, you get more detail, more precision and more emotion than ever – and all in a wide-open sound stage that positions every instrument and vocalist with pin-point precision. This is enjoyment to the extreme.

premium 14 series

PM-14S1

PREMIUM INTEGRATED STEREO AMPLIFIER

Available in black or champagne colour, the new 14 Series features an entirely new pre-amp design and represents a quantum leap forward in performance. This is the epitome of extreme quality and is, quite simply, a masterpiece. As you would expect from such an elite amp, it includes exceptional-quality components such as Toroidal transformer and subsystems throughout its construction. In addition, it incorporates improved customized components, Marantz own developed HDAMs and the use of a more efficient electrical signal path. These elevate the audio quality to an even more sublime level. The PM-14S1 also comes with a new remote controller, which features a stylish black anodized aluminium top, and which can also control the SA-14S1 Player. The final touch of elegance is supplied by the special Marantz-made solid copper speaker terminals, for effortless and powerful signalling to your loudspeakers. This is luxury to the extreme.

SA-14S1

PREMIUM SUPER AUDIO CD PLAYER

The new SA-14S1 includes an oversized Toroidal transformer and a strong power supply section that generates the cleanest of power to eliminate component cross-contamination. This is the perfect platform reference-quality sound, and for the Marantz disc mechanism to provide superb CD and SACD sound quality. But that's just the start of this amazing player. It includes a DAC-mode that's almost identical in functionality to that of the revolutionary NA-11S1. It has optical and coaxial digital input as well as USB-B for direct connection to a PC. This means it provides direct high-definition audio streaming from your PC so you can make use of the high quality DAC and the high quality audio output stage with HDAM-SA2 modules. That's why, importantly, this newly developed player also includes our latest ground/signal isolator technology, to virtually eliminate PC noise. The player can operate as a soundcard for your PC and the USB-B port works in asynchronous mode to support not only 192kHz / 24bits but also the DSD 2.8MHz and 5.6MHz for maximized versatility and performance. It even has a USB input on the front to play MP3, WAV, and AAC formats, and, of course it's iPod/iPhone compatible. This is Super Audio CD quality in the sublime, and more. Much more.

premium turntable

marantz

TT-15S1

PREMIUM TURNTABLE

The beauty of vinyl sounds even more beautiful on the TT-15S1 Premium Range Turntable. It features Premium style design, a solid acrylic resin chassis, a 3cm-thick heavy acrylic platter with a black felt cover, solid aluminium feet, and state-of-the-art ceramic bearings, so it almost eliminates chassis resonance. The Marantz exclusive MM System in a stylish ebony body is directly fixed to the high-grade audio interconnector reducing signal resistance to a minimum. And its anodised arm has been optimised to partner the unit perfectly. The motor is dampened and isolated from the chassis to prevent vibration influence. Also a 'Clever Clamp' system ensures excellent disc contact with platter. The magnetic anti-skating system is contact-free to eliminate unwanted stylus stresses, and the continuous silicon belt guarantees rotational accuracy. The TT-15S1 represents the ultimate addition to any audiophile's home audio system.

the Marantz passion

THE MARANTZ DIFFERENCE

At Marantz, we believe that music has always played a fundamental role in how humanity perceives reality – we do not merely hear the sounds, we feel them, dream them and even see them. This is becoming increasingly the case, as audio is inseparably coupled to vision, music is a defining ingredient. It is music that drives home the ecstasy and agony of a film's story.

We also believe that true hi-fi is about being able to reproduce the magic of a performance. It's about experiencing music just as the artist intended, even in the cinema. Obviously, this kind of high quality reproduction requires the best components, but more importantly simply using the best components in an audio product will not reproduce the music exactly how the original artists intended. To achieve this, each element within a set must work in harmony with all the rest, they must all be carefully selected to ensure they work in complete harmony. After all, we are dealing with music.

Our heritage of technical excellence means we can create products with high-precision playback capabilities and more significantly, it is our love and understanding of music reproduction that gives us the ability to communicate the scale, timbre, pitch, dynamics, and the very essence of a recording. It is this passion that helps ensure that every one of our home entertainment products unlocks the power, the excitement and the emotion of music.

because music matters

a tribute to purity

STEREO COMPONENTS

For 60 years, Marantz has been instrumental in conveying the true emotions of musicians by reproducing their music as faithfully as possible, just as they originally played it. To continue that tradition, Marantz continuously updates its stereo collection. It is a mission that underlines our total commitment to music. And it's not just a commitment to established media such as radio, vinyl and CD, but also to relatively new media such as MP3, AAC, FLAC HD, WAV and DSD from portable devices, PCs, external storage systems, and files streamed via Internet or AirPlay. That is why some of our sets offer USB input or network connectivity: so that you can enjoy all your music sources in high-quality Marantz style. And as always, whatever the source, you can enjoy your music just as the original artist intended.

Nowhere portrays the inner contradictions of New York better than Central Park.
Contradictions that have inspired musicians for years.

marantz

PM8005

INTEGRATED AMPLIFIER

This fully discrete current feedback integrated amplifier is perfect for audiophiles wanting both excellent music quality and flexible operation. It offers a powerful 2x 70W into 8 ohm, while the symmetrical circuits ensure perfect image balancing. To guarantee a totally unique audio experience, Marantz designers have shaped and optimised the power handling characteristics and redesigned the large double shielded Toroidal transformer's circuitry to optimise bandwidth power. The result is a current feedback amplifier with a massive energy reserve to drive even the most demanding of speakers with absolute ease. To further guarantee best sound quality, the PM8005 has current feedback HDAMs, as well as a triple-layer bottom plate to help eliminate vibration. The PM8005 also provides source-direct mode for the purest audio signal and Phono MM to enjoy your vinyls. It's heaven.

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SA8005

SUPER AUDIO CD PLAYER

Marantz design engineers have taken everything possible from what we learned in the Premium Range and reincarnated that knowledge in this exquisite stereo SACD Player - along with a mega-portion of versatility. For example, it faithfully reproduces a wide sound stage with no extra or missing information, thanks to the faster, low-noise and lower impedance symmetrical circuits with high-quality components. The loading mechanism virtually eliminates resonance, while its reduced distortion spectrum gets the very best of audio quality from SACDs. And just like the Premium SA-14S1, the SA8005 includes a DAC-mode. It has optical and coaxial digital input as well as USB-B for direct connection to your PC. This means you can use the player's high-quality DAC and the high-quality audio output stage with HDAM-SA2 modules. That's why, importantly, this newly developed player also includes our latest ground/signal isolator technology, to virtually eliminate PC noise. The player operates as a soundcard for the PC and the USB-B port works in asynchronous mode to support not only 192 kHz / 24bits but also the DSD 2.8MHz and 5.6MHz for maximized versatility and performance. All these different sources use the same excellent audio processing, so all your music will radiate the same intense lustre, energy, and pin-point detail – whatever the source. Enjoy.

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PM6005

INTEGRATED AMPLIFIER WITH DIGITAL INPUT

The PM6005 is more than an upgraded successor to the multi-award-winning PM6004. Much more. Because now you can connect this superb integrated amplifier directly to a vast range of digital sources and use its superior DAC to create an unbelievably high level of audio enjoyment with new media. Of course, we have retained the pre-amp and power-amp sections that exclusively feature discrete components – not a single IC in sight of the signal path. That's because specially selected single components not only outperform ICs in quality, they also make it possible to refine the sound in much more detail, resulting in more clarity and transparency. And of course we have retained the lower impedance shielded Toroidal transformer, as well as the customized main capacitors. And of course all of the original features - such as six-line audio input including phono, two-pairs of gold-plated speaker connections with the convenience of bi-wiring, and a remote handset - are all still there. But now, the unit includes optical and coaxial digital inputs. The DAC is the 24bit/192kHz high current CS4398, which is already proven in many Premium Range products. And the complete digital section is fully shielded by an extra metal housing to ensure that the digital stage has no effect on the analogue signal. In short, the new PM6005 is your proven and excellent bridge to the future.

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CD6005

CD PLAYER

Based on the "Best CD player under £500" by "What Hi-Fi Sound and Vision?" the new CD6005 is a fine-tuned version with even more specially selected components. We also added a solid metal bottom-plate and centralised the CD mechanism. That is how, for example, we virtually eliminated vibration. In addition, the oversized power supply feeds the digital and analogue circuitry of the player, where the high-quality CS4398 DAC converts digital signals to analogue, this is then 'pushed' to the gold-plated synch outputs by Marantz's own small signal amplifier, the HDAM-SA2. In addition, we have included a new remote that also controls the PM6005 amp. There is also a new 'low-power stand-by' and 'auto stand-by' mode to save electricity. Altogether, the CD6005 is a match made in heaven for the music lover who wants nothing but the best performance at an attractive price. One more thing: it is also perfect for lovers of portable music, thanks to its iPod-digital connectivity.

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PM5004

INTEGRATED AMPLIFIER

This excellent entry-level integrated amplifier breaks all the rules. That's because it's the first in its class to offer current feedback architecture – a feature that until now has been exclusive to the more expensive models. This technology provides very fast and accurate signal handling, which results in perfectly balanced stereo sound reproduction and a very open and precise sound stage. Offering 40W per channel into 8 ohm or 55W into 4 ohm, this amplifier includes a metal chassis and front metal panel to ensure a very rigid and solid base. It also offers customised components for sound tuning, a Phono MM equaliser, as well as Source Direct functionality to ensure shortest signal paths. Without doubt, the PM5004 has raised the performance bar in the so-called entry level area. Great sound. Amazing versatility.

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CD5004

CD PLAYER

The CD5004 plays CD, CD-R and CD-RW discs as well as MP3 and WMA files. And perhaps more importantly, it helps reproduce high-quality audio. That's because it incorporates high-quality audio components such as the famous CS4392 DAC as well as the Marantz-own HDAM-SA2. It also includes customised components for sound tuning and a reliable CD transport mechanism. The Audio EX(clusive) mode further enhances sound quality by switching off functions, such as digital output and pitch control that are not in use. The Auto Music Scan (AMS) quickly finds the music on the disc and the Quick Replay function repeats favourite passages. In addition, high-grade gold-plated analogue outputs guarantee best connectivity. A well-defined headphone output, an easy to read display, and a remote control rounds off this excellent player.

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TT5005

TURNTABLE

Thanks to the in-built phono equalizer the TT5005 is an easy to set-up turntable that can work with any amplifier or receiver – even it doesn't have a dedicated phono input. It's also effortless to operate, thanks to the start-stop system that automatically places and replaces the tone-arm, and which also helps ensure you do not accidentally scratch the vinyl. Its rigid die-cast aluminum platter produces uniform inertial mass for perfectly stable and consistent rotation. In addition, The TT5005 comes with an MM cartridge so that you can begin to enjoy your analog record collection as soon as you connect the TT5005 to your home hi-fi system.

a tribute to simplicity

MELODY SERIES

More and more people are discovering the extraordinary simplicity of the Marantz Melody Series. That's why, this year we have made them even simpler. Now you can connect both units to your WiFi network with the push of a single button. You can also select your preference of WiFi Sharing or WiFi Protected Setup (WPS) with a single button-press. In addition, both units now have digital input ports, for quick and easy connection to your TV or set-top box. What could be simpler?

New York: the Mecca for performing arts.
If I can make it there...

Melody Series

MELODY MEDIA

CD RECEIVER WITH DAB+ AND INTERNET M-CR610

The moment you see the new Melody Media you'll know that this latest incarnation is pure refinement. With a high-gloss jet-black finish and organically curved side panels the immediate impression is elegance. Looking closer, the front panel three-piece construction is similar in form to that of our Premium products – for added prestige, while the centre comes in either black or white as you prefer. And because it has an exclusive double layer finishing, there is a unity and oneness that breathes confidence.

The Melody Media not only looks superb, it's also a superb performer. Reproducing excellent CD-audio, FM, DAB and Network files. Sheer enjoyment for your ears. Pure sensation for your soul. On top of that, we've added a host of networking and streaming features to this stylish little set. Not only is WiFi connection just a single button press, there's also a new digital input to enable you to connect your TV. The Melody Media plays thousands of free-of-charge Internet radio stations from all over the world via vTuner, or why not enjoy the online music service Spotify or last.fm? You can even access your own music library on your PC. And to top all that, the Melody Media also supports AirPlay, with control via the Marantz Remote App. In addition, there is a second rear USB port for added connectivity convenience. The Melody Media also supports ALAC, as well as 192kHz / 24bit high-resolution WAV, FLAC HD files, and Gapless playback as well. As always, the USB port is iPod-digital-compatible and is "Made for iPhone" certified. Whatever you want, the powerful 60W (rms) x2ch plays music loud and clear… and effortlessly, because the large display makes operation easy. The Melody Media has it all.

MELODY STREAM

NETWORK RECEIVER M-CR510

This unit is your open doorway to an endless supply of new digital media, either streamed from your PC or directly accessed from the Internet. It has all the network features of the Melody Media: WiFi connection at the touch of a button, a new digital input for TV, and a second rear USB for extra convenience. It also supports ALAC, 192kHz / 24bit high-resolution WAV, FLAC HD files, and Gapless. In addition, it offers USB connection on the front and will charge your iDevices even when it is in standby mode. And just like the Melody Media, you can also directly connect a pair of speakers - the power output is the same: 2x 60W. But because the Melody Stream is a new type of product, dedicated to new digital media, it does not offer FM, DAB or CD playback and is therefore slimmer. A lot slimmer. And some say a lot more elegant. Which Melody will you prefer?

MELODY SPEAKER

LOUDSPEAKER M-LS502

This high-quality loudspeaker in glossy piano-black finish is the perfect partner for any of the Melody Series systems. That's because the power handling, frequency range and connectivity are all optimised for this product line. That's why this loudspeaker is available only in combination with the Melody Series products. The crossover is equipped with specially selected components and the bi-wiring terminal makes full use of the Melody Media's bi-amping functionality. The cabinet is made from solid, rigid MDF and the side panels are gently curved. A piano-black finishing completes the elegant appearance.

a tribute

to innovation

AV SEPARATES

This year's collection of AV separates seizes all the latest opportunities in AV technology. For example, the new AV8801 'reference quality' set is an 11.2 channel processor featuring DTS Neo:X 11.2 for audiophiles who demand the ultimate in home theatre. This brand new pre-amplifier also gives you multizone functionality including HDMI video with an integrated 4x network switch. Also new to this year's collection is the MM8077 'reference quality' main amplifier, which boasts 7 channels and improved audio quality thanks to superior power supply, best-in-class capacitors, quality components, copper plating, and more. The new MM8077 also has a ground-breaking intelligent cooling system and a solid aluminium heat sink tunnel to ensure everything remains within its best operating temperature range. Alongside the two new sets we also have the highly popular AV7701 Multichannel AV Pre-Amplifier, and main amplifiers MM7055 and MM7025. Important to note here is that Marantz engineers designed the AV pre-amplifiers to decode and process the highly sensitive audio signal far, far away from the powerful (and interfering) amplification system. In fact, it is so far away, the sensitive audio signal is decoded and processed in its own completely separate housing. That's right, two boxes instead of the conventional one-box solution employed by standard AV Receivers. This enables the separate power amplifiers to provide intensely massive power bursts without affecting the highly-sensitive audio processing whatsoever. And because the pre-amplifiers include 3D 4k video pass through and 4k scaling systems, genuine razor sharp images are ensured. It all adds up to sheer enjoyment for your eyes as well as your ears. Isn't it about time we take a closer look?

Times Square leading to Broadway, where musicals abound.

AV separates

AV8801

MULTICHANNEL AV PRE-AMPLIFIER

The brand new AV8801 gives you everything that the AV7701 offers in networking versatility and superior digital signal processing - and more. Much more. That's because this new set is a 'reference quality' set with an 11.2 pre-channel amplifier featuring DTS Neo:X 11.2. Making it perfect for the most demanding of AV aficionados. It also gives you multizone and HDMI Video with an integrated 4x network switch. As a reference set its audio quality is up there with the best, thanks to the Marantz HDAM current feedback circuitry, Dolby TrueHD, DTS HD, Audyssey DSX, and DTS Neo:X 11.2. The full set of features include 11.2 ch RCA & XLR pre-out, an advanced jitter reducer and the latest professional-grade MultEQ XT32 Pro and LFC (low frequency containment) to avoid heavy bass annoying the neighbours. It also gives you 6+1in / 3out HDMI, InstaPrevue, an independent HDMI out for a second room, and scaling up to 4k. It supports Apple lossless, Gapless, FLAC HD 192/24 as well as AirPlay, last.fm, Spotify and Internet radio. It even has a four-port network switch for easy hook up to more than one network unit. And oh yes, it sounds fantastic!

MM8077

MULTICHANNEL MAIN AMPLIFIER

As the big brother to the popular MM7055, this new MM8077 'reference quality' set has 7 channels and superior quality power supply and main capacitors. And since it is copper-plated perfect grounding is guaranteed at any point to almost eliminate all ground noise. Importantly, to keep everything cool in this power-house 7x 140W (rms) amplifier, Marantz design engineers included an intelligent cooling tunnel system and a solid aluminium heatsink. It has low impedance continuous drive capabilities and features the latest current feedback circuitry, a slow start to power-on function, as well as an oversized solid Toroidal transformer, and DC trigger control. To add an extra touch of power-finesse it also has Marantz-designed storage capacitors to ensure instant response to rapidly varying sources. Quite simply, it is the perfect partner for the AV8801.

AV separates

AV7701

MULTICHANNEL AV PRE-AMPLIFIER

The AV7701 is extreme versatility purified. Not only does it perfectly and expertly handle any kind of high resolution audio format, it also streams music from almost any network device, including PC, Internet radio, Spotify Service, Android devices, Windows "Play to" as well as AirPlay from iTunes and iDevices. Superb quality is assured because all audio signals are fed into the Digital Signal Processor (DSP) via its own unique path. This ensures that all channels are kept completely separate and that there is no chance of interfering 'channel crosstalk'. In addition, the 7.2 channel AV7701 further enhances audio quality by delicately handling all signals via the Marantz-own HDAMs in Current Feedback topology before being passed to the XLR outputs and separate power amp. The AV7701 also takes supreme care of 3D 4k video signals via the seven HDMI inputs, even in stand-by mode, and sends them to the two HDMI output sockets or independently to the third HDMI output that's dedicated for Multiroom application. Lower resolution video can be up-scaled to 4k too. There is even a Phono MM input – ideal for those precious vinyls. It supports all the latest sound formats, including Audyssey DSX by using the 32-Bit SHARC DSP from analogue devices and ensures that set-up and operation is quick and easy via the MultEQ XT auto-calibration and high resolution Graphic User Interface. It's all there, just waiting to perform.

MM7055

MULTICHANNEL MAIN AMPLIFIER

As your multichannel option for main amplifier in this year's collection, the MM7055 delivers a thumping 140W (rms) into 8 ohm for each of the five channels, while the ultra-wide bandwidth current feedback technology easily handles the highest SACD frequencies – this also makes it ideal for the high-definition DTS Master Audio and Dolby TrueHD formats. The result? Total precision in tonal and image balance, speed and dynamics. In addition, you also get XLR audio inputs, DC triggers and a Marantz control bus system for remote on/off. There's even a stylish new display screen showing the actual output power. This is power combined with convenience like never before.

MM7025

STEREO MAIN AMPLIFIER

This year's stereo main amplifier also produces a whopping 140W (rms) into 8 ohm per channel. Perfect to give your front channels an earth-moving boost or simply to make a sensational upgrade to an existing stereo system. And, because it incorporates the same technology as the five-channel MM7055, you can easily use them in combination. It's a great flexible customisation enabler. Just like its big brother, the MM7055, it also includes a new stylish display, XLR inputs, DC triggers and a Marantz control bus system.

New York: a melting point of musical cultures, heritage and new thinking.
And the birthplace of Marantz.

a tribute to vision

AV RECEIVERS AND BLU-RAY PLAYERS

Every one of the Marantz AV Receivers this year gives you network connectivity. From any unit in the line-up you can now stream your music files gapless from your PC, tune into any of the thousands of mainstream and specialist Internet radio stations, log in to music services such as Spotify and last.fm, as well as use AirPlay for streaming audio from iTunes or your iPhone, iPad or iPod. You can also directly stream files from any DLNA Android smart device – all of which means that your files, wherever they are stored, can be accessed and played in an instant. Also new this year is the improved user-interface, which enhances and eases system set-up and use. Other main highlights include the new SR7008 offering for the first time nine channels, as well as the deployment, for the first time, of Marantz HDAM technology in the SR5008 and SR6008 models. As always, you can add convenience to excellence, with the highly-rated Marantz Remote App, for perfect AV Receiver and UD-Player control via iDevices and Android phones. The on-screen information will be shown in overlay, which means the movie will still be visible while you get the information about volume, source, surround mode, and more. In addition, all of this year's AV receivers include 3D pass-through and on the models starting with NR1604 4k video pass-through and scaling for the ultimate in visual pleasure.

The line-up of Blu-Ray Players has advanced network functionality. Not only to support BD-Live, but also audio and video streaming from the Internet or your PC network. That's because they are DLNA 1.5 certified. So you can enjoy spectacular Blu-ray clarity and truly exceptional audio quality from even more sources, including online services as YouTube Leanback and video on demand service Netflix. Add to that their universal compatibility with BD, DVD, and CD, and you are guaranteed the very best audio quality of each format. They even produce the finest of details from high-resolution Super Audio CDs. The result? Sublime sound, stunning vision.

AV receivers & Blu-ray players

SR7008

AV RECEIVER

Building on the strengths of the SR7007, the new SR7008 extends the number of channels from seven to nine. That's right, this new receiver can drive nine separate speakers, each with 200W of pure power. And because this muscle-pack is supported by Audyssey DSX and DTS Neo:X 9.1 you are flooded with the ultimate experience in surround sound. We have also upgraded Audyssey to MultEQ XT32 /LFC Pro so you get an even more accurate calibration of the speaker and guarantee that every seat in the room is a 'sweet spot' for audio. The set also supports Apple lossless, Gapless, and FLAC HD 192/24 network streaming meaning you also get all the metadata you want as well as music services such as Spotify and last.fm and AirPlay audio streaming. But we haven't changed everything. For example, the stylish aluminium front panel with illuminated porthole display is still there. We've also kept the staggering impact of audio quality, which is quite simply an intoxicating mix of effortless power, amazing detail and sensational depth: all thanks to the use of current feedback technology, HDAM pre-amplification and, of course the 200W for each of the nine channels. You can enjoy this superior audio performance for all your music and movie sources. Video signals are treated with extra loving care via advanced video processing, and 6+1 HDMI inputs, and 2+1 outputs (Dual output for main zone & Multi Zone output), all of which support 3D 4k pass-through and 4k scaling video. The front digital connectivity (HDMI & USB) makes it particularly friendly for mobile, tablet, iPad/iPhone, camera & camcorder. What's more, the front panel folds up to reveal an additional two-line display. And to get it all up and running effortlessly, there's also Setup Assistant. Enough said?

NETWORK GRAPHIC USER INTERFACE

SR6008

AV RECEIVER

Just as you would expect from any Marantz AV receiver, the SR6008 pays extra special attention to audio quality, and it creates a highly immersive and richly detailed surround sound experience. Moreover, with the latest current feedback topology and the Marantz own-developed high-definition HDAMs, the SR6008 has both the power and the finesse to astonish and astound. Not surprisingly, it has the same DLNA networking facilities for HD gapless audio streaming as its big brother, the SR7008, as well as the same Android integration, Spotify Service, Internet radio, and AirPlay from iTunes or any iDevice. It has a highly convenient HDMI input on the front, and two HDMI outs on the rear for simultaneous output. And another, new HDMI output for multiroom use. Also like its brother, it has Audyssey DSX and DTS Neo:X 7.1 processing, an iPod-digital-compatible USB input and a Phono MM input for vinyl fans. But it's not all about versatility, the SR6008 is also powerful: 185 W for each of its seven channels to be exact. And, because the digital audio signal (up to Dolby TrueHD and DTS-HD) is fed via one of the six 3D 4k video-supporting HDMI inputs, the resulting audio quality is utterly breath-taking. In addition, calibration and optimisation are also quick and easy with the Audyssey MultEQ XT Pro, Setup Assistant and Graphic User Interface overlaid on the picture. Pure enjoyment has never been easier.

ANY FILE POSSIBLE

With the new network capabilities of this year's AV-Receivers you can enjoy almost any file from almost any device. They offer full audio streaming capabilities thanks to the built-in digital media player, so it can decode music files stored on your PC or external storage unit streamed via the network. Almost any file is possible including MP3, WMA, FLAC HD, ALAC, WAV192/24 & AAC. Gapless is supported too for the full enjoyment of live concerts or classical recordings. All will be handled with the best possible quality; thanks to built-in excellent audio processing engines and the Marantz Digital Audio Expander M-DAX2 for compressed audio. They are also ready for the vTuner Internet radio platform, as well as services such as Spotify on-demand music streaming. AirPlay easily integrates iDevices such as iPad, iPhone, iPod touch or your iTunes music library, while Android devices will use the DLNA standard for sharing the music. Today, there are simply no limits.

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SR5008

AV RECEIVER

The latest current feedback topology and Marantz own HDAMs are also central to the SR5008. These technologies guarantee both power and detail in your surround sound experience. It also has the networking facilities for gapless HD audio streaming from PC and Android as well as Internet radio, online services and AirPlay from your iPhone, iPad or iPod. And, it includes decoders for standard audio as well as for Dolby TrueHD and DTS-HD Master Audio. The SR5008 also supports Apple lossless, Gapless, FLAC HD 192/24 so you get all the metadata you want. It comes with no less than six HDMI inputs of which one is on the front – making it immediately ready for 3D /4k video and ARC (Audio Return Channel) from ARC-compatible TV sets. Lower resolution video can be up-scaled to 4k too. It easily handles the most demanding of scenes in action films, as well as offering excellent-quality music playback - thanks to the latest Marantz audio technologies and 180W from the 7 amplifiers. Everything sounds clear, detailed, and alive with this set. To finish off, the SR5008 comes with a whole range of convenience features such as: Setup Assistant, "auto calibration" with Audyssey MultiEQ XT and Dynamic Volume Control; "Multi-Room" with multi-source flexibility; and "video-off" mode to ensure that you enjoy your music and movies in true dynamic Marantz style. It also has the specially developed Marantz Remote App for iPhone and Android devices. All of which makes the SR5008 a true combination of style, power and ease.

marantz

M-XPORT & RX101

MARANTZ EXPANSION PORT & BLUETOOTH MODULE

The Marantz eXpansion Port is a great little device for getting even more out of your Marantz component. It is a dedicated 9-pin connector on the rear side of our products and can be used to connect the RX101 Bluetooth Receiver. Now you can wirelessly send music stored on your Smartphone, tablet or PC supporting the Bluetooth standard A2DP directly and enjoy via your Marantz product. Check out the specifications section at the back of this catalogue to see which products have the M-XPort to connect the RX101.

marantz

NR1604

SLIM DESIGN AV RECEIVER

If you (or more likely, your partner) doesn't want big, powerful cabinets in your living room, then consider the slim-line NR1604 AV Receiver. Because, although it is super-slim it packs the same punch as its bigger brothers, delivering ear-cracking, seven channel surround sound from 90W per channel. But it's not just the audio that is spectacular with the NR1604, it delivers superior video as well, thanks to the 4k pass through capabilities, GUI overlay and 4k scaling. And this is not the only difference to the smaller NR1504, as it includes additional HDMI and component-video in and out ports. It also gives you multiroom / multisource functionality without the need for an additional amp. Also, even though it is a slim-line receiver, it also boasts the same networking facilities for audio streaming as its bigger cousins. It gives you Internet radio, AirPlay from your iPhone, iPad or iPod, as well as an iPod-digital-compatible USB input. Set-up is easy - with the help of the advanced GUI, Setup Assistant, Audyssey MultEQ and Microphone – so there is no need to study the manual, just follow the on-screen instructions. It all adds up to easy-to-use slim-line elegance with a powerful punch. What more could you ask for?

marantz

NR1504

SLIM DESIGN AV RECEIVER

In addition to a host of connectivity options and DTS-HD, Dolby True HD processing, this receiver now has network streaming capability. Now you can enjoy Apple lossless, Gapless, FLAC HD 192/24, AirPlay, as well as services such as last.fm and Spotify, and Internet radio. Fans of devices such as camcorders and a variety of smartphones or tablets will also love the front panel HDMI input for easy and instant video / music enjoyment. 85W are outputted to each of the 5 channels and can be used for a simple stereo set-up or to run a full 5.1 system, creating spectacular surround sound and converting your living room into a sensational cinema. It also includes a Setup Assistant, Audyssey MultEQ and Microphone, all is there for easy, perfect setup. Its total of six HDMI inputs handle a multitude of digital sources, so you can easily hook-up your satellite box, BD/DVD player, game console and camcorder… all at the same time. And all with just one HDMI cable connected to your screen. It all adds up to fabulous sound, great video quality and elegant slim-line appearance.

AV receivers & Blu-ray players

marantz

UD7007

UNIVERSAL BLU-RAY HD PLAYER

Enjoy fabulous quality Blu-ray video and then stream audio (incl. FLAC) and video files (including DivX plus HD files) from your home network or Internet. The UD7007 can give you this universality because it's not only a Blu-ray and DVD player it is also DLNA 1.5-certified, and even provides access to Netflix video on demand and YouTube Leanback online services. To ensure the best analogue stereo audio quality from CD and SACD, it includes the Marantz HDAM audio modules and uses specially customized components all on a dedicated audio board. It also offers you the choice of balance XLR or Cinch audio output. The fast loading high-quality mechanism is shielded by an aluminium top panel and a steal chassis bottom. The cabinet is also very rigid and an additional bottom plate adds extra strength to eliminate vibration. Also, the electronics are divided into five separate sections to minimise interference and maximise audio-video quality. In addition, the two HDMI 3D supporting output ports optimise flexibility in setup and in fine-tuning performance. But as with all Marantz players, musicality reigns supreme so you won't be surprized when you find a "Pure Direct" mode, to ensure the best possible performance from CDs and even SACDs.

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Stuff ★★★★★

HOME CINEMA CHOICE BEST BUY

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UD5007

UNIVERSAL BLU-RAY HD PLAYER

What would you say to having the legendary Marantz audio quality in an exceptional value-for-money Blu-ray Disc player? Well we said 'Yes', and the result is the 3D-capable UD5007. Not only does it reproduce all the delicate audio details from CD and SACDs, its superb 24fps Blu-ray quality comes with BD-Live and DLNA 1.5 specifications. You can also enjoy your latest music (incl. FLAC) and video downloads from your PC. What's more, you get direct YouTube Leanback and Netflix video on demand access with this player. The video streaming supports DivX plus HD and guarantees playback of DivX (.avi and .divx) and DivX Plus (.mkv). One of the main reasons why this player offers such high quality at a value-for-money price is the extreme solid construction. Firstly, the disc mechanism is centrally located and is fully shielded for fast and silent loading. Then there's the solid cabinet, large foot, and fan-less construction to minimise vibration. On top of that, the player's four main subsystems (mechanism, main, power supply, display) are physically separated to minimise interference. It all adds up to an unbelievable opportunity.

AVforums HIGHLY RECOMMENDED

Glossary

NOTE: THE NUMBERS BETWEEN ICON AND PRODUCT FEATURE REFER TO THE GLOSSARY COLUMN IN THE TECHNICAL DATA ON THE NEXT PAGES.

1. 70% POWER GUARANTEE

Marantz has the 70% power guarantee, meaning that a minimum of 70% of the stereo power indicated in the specification section will be available when 5 channels are simultaneously used. A lot of misunderstanding about power rating has been created by some manufacturers claiming the highest possible output power as a unique selling point. Measurement often has been done on only 1 speaker drive, with impedance lower than 8 ohms and a high THD (total harmonic distortion) acceptance. A standard THD value is 0.08%. The lower the better.

2. CURRENT FEEDBACK

Current Feedback amplification is a well-known, Marantz original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide bandwidth, high-speed reproduction. The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz receivers and amplifiers equipped with Current Feedback can keep the phase compensation via Negative FeedBack (NFB) to a minimum, resulting in high through-rate, excellent transient response and superb sonic transparency for the full bandwidth. Unlike conventional Voltage Feedback amplification, Current Feedback amplification makes the power amplifier insensitive to difficult loudspeaker loads.

3. TOROIDAL TRANSFORMER

A Toroidal transformer has several advantages over a conventional EI core transformer. It is very efficient and therefore delivers more power compared to a same-sized EI core transformer. In addition, due to its shape the electromagnetic radiation and the mechanical vibration are extremely low, which minimizes interference and maximizes sound quality.

4. HYPER DYNAMIC AMPLIFIER MODULE (HDAM)

Marantz developed its own discrete circuit boards to replace standard ICs. These replacements circuit boards are called HDAMs and consist of discrete surface-mounted components with short mirror image L/R signal paths. They perform exactly the same function as the Op-Amps, but outperform the regular IC Op-amps dramatically in terms of the Slew Rate and reduced noise level, resulting in a much more dynamic, accurate and detailed sound. Over the years Marantz has developed different types of the HDAM to improve quality and to fit to the special requirements of specific product categories such as CD and amplifier.

5. CUSTOMIZED COMPONENTS

On paper an electrical component might look excellent but the result may fall short of the combined design expectations. Marantz selects the appropriate components for the specific design application. In some cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz in close cooperation with Marantz engineers.

6. SYMMETRICAL CIRCUIT LAYOUT

To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo imaging by ensuring near-perfect symmetry between right and left channel layout.

7. COPPER-PLATED CHASSIS

A copper-plated chassis provides the best shielding against noise or electromagnetic distortion radiating from other components in the equipment. It prevents this noise from being amplified together with the audio signal. And even more importantly, it gives equal low impedance ground level to every point of the chassis, keeping the ground potential as clean as possible.

8. ZERO IMPEDANCE MATCHING JOINT

This improves the signal-to-noise ratio significantly by adding a copper-plated bracket across the output terminals of the player providing the best ground contact possible.

9. PURE / SOURCE DIRECT / AUDIO EX(CLUSIVE)

Pure / Source Direct / Audio EX are special listening modes that provide the highest possible signal purity. They can be used for both analogue and digital sources, with two-channel or multi-channel inputs. When selected, the signal follows the most direct path and does not pass the tone and bass management circuitry or any DSP (digital signal processor) of either the AV-Receiver or player pitch control. By minimizing as much processing as possible the signal is 'untouched' and remains very close to the original, thereby minimising distortion.

10. TRI-TONE-CONTROL

Marantz extended the sound tuning possibilities by introducing Tri-Tone-Control. In addition to Bass and Treble you can now also adjust the Mid-Range. This is a big advantage especially for today's compressed audio formats like MP3 and AAC.

11. POWER AMP DIRECT

Power Amp Direct enables an integrated amplifier to be used within a stereo set-up or as a power amplifier within a multichannel set-up. With Power Amp Direct switched off, it acts as a normal integrated amplifier for perfect sound quality in a stereo set-up. With Power Amp Direct switched on, it uses the power amplifier for driving the front left and right speakers within a multichannel set-up, using the surround channels from your A/V receiver. What's more, it does all this with a single push of a button, without changing wires. The Power Amp Direct can also be used for a stereo bi-amping set-up.

12. SUPER AUDIO CD

Super Audio CD (SA-CD) is an established music format that provides a more natural, ultra-high quality sound. It offers a smooth migration path to a higher quality sound, as all existing CDs can be played on an SA-CD player. SA-CD is based on the Direct Stream Digital (DSD) technology, which uses 1 bit delta-sigma modulation and a sampling frequency that is 64 times higher than that of a CD player. This enables the SA-CD to offer a frequency range up to 100KHz and a dynamic range of 120dB.

13. DSD AUDIO STREAMING

DSD is a 1-bit digital audio stream which offers high resolution audio in DSD64 (same as SACD resolution) and DSD128. These are also known as DSD2.8 (2.8MHz sampling frequency) and DSD5.6. DSD audio files can be downloaded from the internet and stored on a computer. For playback of the high resolution audio, the PC / MAC should be connected to a USB-DAC or Player with USB-DAC mode, featuring USB-B connectivity and supporting DSD streaming. For the transmission of the DSD signal a technology is used called DoP - DSD over PCM.

14. MARANTZ MUSICAL MASTERING

Some audio companies focus on sound modification by selecting and customising electrical components for the analogue part of the player but they have only limited knowledge of digital filtering and have to use standard solutions - which Marantz believes to be sub-standard for a genuine audiophile player. That's why Marantz has invested extensively in gaining expert knowledge into this crucial part of a CD-player during CD playback or in DAC-Mode operation feeding an external signal. The Marantz Digital Mastering eliminates out-of-band noise, reflecting into a better S/N ratio, dynamic range, and various other characteristics.

15. USB AUDIO / USB TYPE B

USB Audio makes it possible to listen to compressed audio files (MP3, Windows Media™ Audio, etc.) stored on MP3 players or external hard discs. All Marantz USB-enabled products make use of the USB 2.0 profile for fast and stable data transfer. Some products feature the USB Type B standard. These products can be directly connected to the PC and will be recognized as an external soundcard. When asynchronous mode is supported, the player's own clock is used for data transmission – not the PC's clock. This guarantees best audio as music stored on the PC is reproduced via the Marantz product with its high-quality audio output stage.

16. AUDIO STREAMING

Digital media stored on a computer or NAS (network access storage - network hard disc drive) is becoming more and more popular. But you can only listen to this music via your portable media player or from your PC – until now. With our products supporting audio streaming you can enjoy this 'portable' music via your HiFi system in high-quality, and while sitting on your couch. Some products support gapless playback making it possible to stream live concerts without interruptions between tracks.

17. DAC MODE

Marantz products with a DAC mode can be used as an external Digital to Analogue Converter (DAC). You can connect via optical / coaxial digital inputs or the USB type B input sources such as an external CD drive, digital tape, music server, PC or network client. These sources can make use of the high quality D/A converter and the analogue output stage equipped with HDAM modules to enrich the sound quality. Please check USB Type B description as well.

18. M-DAX2

The use of compressed audio files like MP3, Windows Media™ Audio or AAC is becoming increasingly popular. However, the audio quality of these compressed files is lower than the original lossless files on a CD. In particular, the higher frequencies are lost in compression. This not only reduces the high frequency quality but also negatively impacts on the lower frequencies. The result is that the audio image is less wide and less deep. The Marantz Digital Audio Expander 2, also called M-DAX2, corrects this by recalculating the outputted frequency range for a more detailed and clearer sound.

19. AUDYSSEY / AUDYSSEY LFC

Audyssey is an acoustic measurement technology which automatically restores the acoustic distortion caused by the acoustic behaviour of a room with only a push on a button. Audyssey equalization provides an clear, accurate, natural sound with voices and dialog that become focused and intelligible, restoring the musical balance. Musical instruments and sound effects become precisely localized and the surround soundstage is made seamless and enveloping. Audyssey LFC is a technology to enjoy Late-Night TV and Music without disturbing neighbors. Audyssey LFC prevents low frequencies from traveling through walls without sacrificing bass enjoyment. In addition to Audyssey MultEQ the MultEQ XT provides 8x filter resolution as well as 8 measurement positions vs. 6 postion on the MultEQ.

20. AUDYSSEY DYNAMIC EQ / AUDYSSEY DYNAMIC VOLUME

Dynamic EQ selects the best possible frequency response and surround volume levels moment-by-moment. This ensures that the bass response, tonal balance and surround impression remain constant on each volume level. This is a pre-requisite for delivering a dynamic volume solution. It avoids the irritation of varying volumes between television programs, commercials and within the program material itself. The Audyssey Dynamic Volume monitor automatically adjusts and equalises these volumes.

21. 1080P UPSCALING / VIDEO CONVERSION

Upscaling is the process of converting a standard definition (SD) video signal to a seemingly high-definition (HD) video signal by using a video scalar. Upscaling does not convert standard definition video to true high definition video, but it does dramatically improve the detail and colour consistency of the picture, up to 1080p, the resolution possible for HDTV. An AV receiver video conversion from analogue level to the digital level for output via HDMI offers ease-of-use and best digital picture quality for each source material. This feature allows you to connect several sources to an AV receiver and run only one cable to the TV set.

22. 4K HD VIDEO

4k is the latest video standard for big screen sizes. The 4k represents the horizontal resolution of 4096 pixel and often offers a vertical resolution of 2160 pixel. Therefore, 4k has four times the resolution of HD 1080p. Our products feature the up-scaling of analogue and digital video signals to 4k resolution. Furthermore, they support 4k source-switching and pass through.

23. HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)

HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 10 Gigabits/ second. HDMI complies with High-bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorized reproduction and distribution. HDMI is the only interface in consumer electronics that can transmit both high-definition video and multi-channel audio such as Dolby TrueHD and DTS-HD formats, including 720p, 1080i and 1080p through one single cable.

Glossary

24. GUI & SETUP ASSISTANT

The Setup Assistant and the Graphical User Interface (GUI) make the initial set-up of our new AV-Receivers very easy. They also enhance your AV experience by maximising ease-of-use. The assistant guides you through the complete set-up of your AV receiver with ease and simplicity, covering the processes of speaker connection, auto speaker calibration, and connection of source devices - all supported by clearly illustrated on-screen graphics. In daily use, the GUI really stands out and presents information about volume, surround mode, input source and more, all on the TV screen in a transparent banner with the film still running in the background.

25. BLU-RAY DISC

Blu-ray Disc, also referred to as BD-ROM, is the next-generation High Definition (HD) optical disc format. The format has been developed to enable recording, rewriting and playback of High Definition video and audio which offer consumers an unprecedented high definition 1080p experience, providing an exhilarating life-like image and an audio soundtrack that is more detailed and clearer than DVD.

26. 3D READY

3D stands for 3 dimensional. Products carrying the 3D logo are able to output or path through the digital 3D video signal.

27. DIVX ULTRA

DivX is a video compression tool developed to exchange film content via the internet. With a DivX certified DVD or Blu-ray player it is easy to take digital video from the computer and play it back on the normal TV at almost DVD quality.

28. VIDEO STREAMING

Video Streaming is an element of our integrated DLNA certified Network connectivity, whose function allows you to stream digital video files located on any other DLNA prepared computer or NAS (network attached storage - network hard disc drive) from anywhere within your home computer network. The result is that the streamed video is displayed on your TV screen in resolutions right up to 1080p HD (high definition) quality.

29. DOLBY TRUE HD

Dolby TrueHD is Dolby's next-generation lossless technology developed for high-definition audio coding. Dolby TrueHD supports up to eight full-range channels, allowing the audio engineer to position sounds for a more realistic effect than ever before.

30. DOLBY PRO LOGIC IIx & DOLBY PRO LOGIC IIz

Dolby Pro Logic IIx is a complete surround sound solution featuring Movie and Music mode that function with 5.1 as well as stereo source material. It delivers a natural and immersing up to 7.1-channel surround listening experience to the home theatre environment. Dolby ProLogic IIz is a new listening experience with a more life-like sound stage by using additional Front Height channels, which add a vertical component to the horizontal sound field of conventional 5.1 or 7.1 systems. The enhanced spatial effects bring an overall airiness to the listening experience, and a new dimension of presence and depth.

31. DTS-HD MASTER AUDIO / DTS-HD

Master Audio is an optional High Definition Audio format for all Blu-ray Disc™ products. DTS-HD Master Audio format allows a bit-to-bit representation of the original movie's studio master soundtrack and delivers audio at high constant bit rates superior to standard DVDs.

32. DTS NEO:X

DTS Neo:X™ is a comprehensive upmixing solution offering up to 11.2 channels of immersive surround with near discrete Front-Height and Wide imaging. From ambient/non-directional effects like raindrops to overhead effects like a low-flying jet, DTS Neo:X lets listeners track all the audio action. Sound arcs overhead to the Front-Height speakers, sideways to the Wide speakers, and back to the Rear speakers, creating a semi-spherical soundstage.

33. AUDYSSEY DSX

Audyssey engineers proved that realistic reproduction of surround sound relies on the ability of audio systems to match human hearing performance. Key requirements are: (1) frequency response, (2) dynamic range, and (3) accurate spatial rendering. Research has shown that accurate spatial sound rendering requires more information than a 5.1 surround sound system can provide. Audyssey DSX delivers this additional information from the required directions to overcome the limitations faced by 5.1 surround sound systems by adding front height and / or front wide speakers for the most realistic performance.

34. MULTI ROOM / MULTI SOURCE

With the Marantz AV system placed in the main room of the house, a second or even a third loudspeaker set can be placed in separate rooms. In those rooms an audio and even a video source can be selected independently from the main room at a different sound level and with full remote control functionality. For example, in the main room, a DVD can be played back with multichannel surround, while people in a second room can enjoy music from a CD player, a third room can even have audio and video coming from the connected satellite set-top box - all at the same time - all independently. The latest top-class AV receivers even offer Zone Video by HDMI. Please check specification section for number of zones and more details.

35. D-BUS

To optimize equipment in terms of ease-of-use, Marantz has designed the D-Bus system. Received remote control commands are communicated via this bus. This enables equipment without an IR-receiver to be controlled via the Marantz System Remote Controller.

36. DC-TRIGGER

A DC trigger is an assignable voltage output which can automatically control (for example) an electrical projection screen, lowering it when the DVD input is chosen on the receiver.

37. IR-FLASHER

The IR-Flasher IN is a standardized connection to control the AV system by external IR receivers independent of the infrared control format used. On the IR-Flasher OUT an IR-Emitter can be connected to controlled third brand components.

38. BLUETOOTH

Bluetooth is a worldwide standard for wireless communication, exchanging information between fixed and mobile devices. Marantz uses the Bluetooth A2DP standard to stream music from a mobile device to a Marantz own receiver unit. It uses the universal RX101 which is connected to the M-XPort. It also enables your HiFi to receive music stored and played back from your PC.

39. AIRPLAY

With AirPlay it is now possible to stream the sweet sound of your favourite songs from either your iTunes library on your PC/Mac® or directly and wirelessly from your iPhone®, iPad™, or iPod touch® to your Hi-Fi or AV-system in high quality.

40. MADE FOR IPOD/MADE FOR IPHONE

'Made for iPod' and 'Made for iPhone' means that an electronic accessory has been designed specifically to connect to iPod and has been certified to meet the Apple performance standards. Current Marantz products carrying the 'Made for iPod' logo are compatible with the following iPod models: 4th Generation iPod or higher, iPod Classic, iPod Nano (1st, 2nd, 3rd and 4th generations), iPod video and iPod Touch. For 5th Generation iPod, iPod Nano or iPod Touch the audio transmission is digital. The 'Made for iPhone' adds the iPhone to the list.

41. DLNA

DLNA certified products guarantee a stable and fast connection, cross-brand interoperability, Universal Plug and Play (UPnP), automatic IP-addressing and ease-of-use in a wired or wireless set-up with your home network. DNLA certification makes it possible to share your music, photos and videos stored on your PC, NAS-drive, Music Server or HD recorder through your audio/video set-up. Please check specification section for video streaming support.

42. VTUNER - INTERNET RADIO

vTuner connects your Internet-enabled product to the wide world of streamed music and talk. vTuner hosts thousands of Internet radio stations and podcasts on a reliable and maintained platform. The amount of content they offer keeps growing. Stations can be searched by several criteria such as region and genre, etc. but it is also possible to search a station by name or add a URL of a specific station if not listed yet. vTuner doesn't need a subscription and is free of charge with the enabled Marantz products.

43. LAST.FM

Last.fm is an online music recommendation service. Its major benefit is that it helps you to explore and discover a greater variety of music based on the genres of songs you play. To enjoy last.fm a Premium monthly account is required. Note: only available in UK and Germany. Please check website www.lastfm.com for more details.

44. SPOTIFY - INTERNET MUSIC SERVICE

The Internet music streaming service provider Spotify is a pioneer of digital music and offers the ultimate in interactive music experiences. The company's service combines unlimited on-demand music streaming for a monthly fee. You can build up your own music library online and listen to your selected music easily via Spotify-enabled Marantz products. Just log in once and enjoy your favourite music collection sorted by artist, album, title, or genre, etc. Currently it is not available in all European countries. Please visit www.spotify.com for more details.

45. NETFLIX

The Internet video streaming service provider Netflix is the world's leading Internet subscription service for enjoying movies and TV shows. For a monthly fee, Netflix members can instantly watch unlimited movies and TV episodes streamed over the Internet. Currently it is not available in all European countries. Please visit www.netflix.com for more details.

46. YOUTUBE LEANBACK

YouTube Leanback is a new way to watch YouTube videos. With simple controls and full-screen viewing, Leanback makes watching videos on YouTube as effortless as watching TV.

47. WINDOWS 8 COMPATIBLE

The Windows 8 compatible logo ensures that the product carrying the logo is tested with and compatible with the Windows 8 operation system.

48. ENVIRONMENTAL FRIENDLY

Marantz products all carry the environmental friendly logo. This logo proves the environmental way of thinking within Marantz. Importantly, the logo signifies more than just a low power consumption in stand-by mode, it also underlines the environmental way of working within Marantz and the use of environmental-approved components that do not contain hazardous chemical elements. In all our activities we do as much as possible to minimise our impact on the environment.

CONSOLETTE	GLOSSARY	
FEATURES		
Dock for iPod / iPhone / iPad	40	• / • / •
Wi-Fi built in / Ethernet		• / •
WPS		•
NetLink Auto Network Setup		•
AirPlay wireless music streaming	39	•
Wireless Music Streaming from Android and Network		•
Compatible streaming file types: MP3 / WMA / WAV / FLAC / AAC		• / • / • / • / •
Internet radio	42	•
Presets		6
USB Audio (rear)		•
Analog Audio Input (gold plated cinch)		•
Remote APP: iDevice / Android		• / •
Clock		•
Sleep Timer		•
Programmable Timer: Once/Daily/Weekday		• / • / •
DESIGN		
Metal Front Panel		•
Gyro Touch Tuning		•
Porthole display		•
Walnut wooden back		•
Retractable dock-tray		•
Premium Remote with metal top		•
OTHERS		
Number of Amplifiers		6x 25W Class D
High Grade Audio Components	5	•
180° sound dispersion		•
Number of wideband BMR drivers		2
Number of woofers		2
Kensington Lock		•
GENERAL		
Available colors: Silk Black / Silver-White		• / •
Remote Control		•
Power Consumption in W		50W
Standby Consumption in W	48	0.5W
Maximum Dimensions (W x D x H) in mm		514 x 214 x 261
Weight in kg		8.1

TURNTABLE	GLOSSARY	TT-15S1
FEATURES		
Motor: AC / DC		• / -
Drive System: Belt / Direct		• / -
Bearing: Ceramic / Metal		• / -
Operation: Automatic / Manual		- / •
Speed: 33-1/3 & 45 RPM		• / •
Phono EQ built in (switchable)		-
Stylus (MM / MC)		• / -
Stylus version		Marantz Virtuoso Ebony
Belt: Rubber / Silicon		- / •
SPECIFICATIONS		
Rated Output		3 mV / 1 kHz
Frequency Range		20 Hz - 20 kHz
S/N ratio		80 dB
Rated Output Phono EQ		-
Frequency Range Phono EQ		-
S/N ratio Phone EQ		-
GENERAL		
Clever clamp		•
Available colors: Black / White		- / •
Maximum Dimensions (W x D x H) in mm		440 x 350 x 110
Weight in kg		8.9

PREMIUM AMPLIFIERS	GLOSSARY	PM-11S3	PM-14S1
FEATURES			
Channels		2	2
Current Feedback Topology	2	•	•
Phono EQ: Standard / Current Feedback / Constant Current Feedback		- / - / •	- / - / •
Digital in: optical / coaxial		- / -	- / -
DAC chip		-	-
HDAM version	4	SA3, SA2	SA3, SA2
Power Transformer: Toroidal / EI	3	• / -	• / -
High Grade Audio Components		•	•
Customised Components	5	•	•
Symmetric PCB Layout	6	•	•
Aluminium extrusion heat sink		•	•
Copper plated chassis	7	•	-
Tri Tone Control (Bass / Mid / Treble)	10	-	-
Balance / Bass / Treble / Loudness		• / • / • / -	• / • / • / -
OTHER			
Linear Drive Power Supply		•	•
Liniear volume control		•	•
BI-AMP and Multichannel option		•	•
Shottky diodes		•	•
Input buffer amp (all inputs / CD only)		• / -	- / •
Solid Heat Sinks		• (Separate)	• (Separate)
System block shielding: Copper / metal / none		• / - / -	- / • / -
Double Layer Bottom Plate		•	•
Low noise LCD display		•	•
Source Direct	9	•	•
Power Amp direct	11	•	•
Standby Mode		•	•
5mm aluminium top plate		•	-
INPUTS/OUTPUTS			
Audio Inputs		7	6
Digital in: optical / coaxial		- / -	- / -
Phono Input: MM / MC		• / •	• / •
Audio Outputs		2	2
Balanced In / Out		1 / -	- / -
Pre-out / Main-in		1 / -	1 / -
Power Amp Direct IN		•	•
Gold Plated Cinch		•	•
Speaker A / B		•	-
Speaker Terminals:		Marantz SPKT-100	Marantz SPKT-100
Number of terminals		4	2
D-Bus	35	•	•
Floating Control Bus (3.5 mm mono jack x 2)		•	•
Headphone Out		•	•
SPECIFICATIONS			
Power Output (8 / 4 Ohm RMS)		100 W / 200 W	90 W / 140 W
Frequency Response		5 Hz - 120kHz	5 Hz - 100kHz
Total Harmonic Distortion		0.01 %	0.02 %
Damping Factor		100	100
Input Sensitivity: MM		2.7 mV / 47 kohm	2.7 mV / 47 kohm
Input Sensitivity: MC		260 µV / 100 ohm	270 µV / 100 ohm
Signal to Noise Ratio: MM/MC		88 / 76 dB	86 dB / 75 dB
Input Sensitivity: High level		240 mV / 20 kohm	240 mV / 20 kohm
Input Sensitivity: Balanced High level		480 mV / 40 kohm	-
Signal to Noise Ratio: High level		108 dB(2V input/ Rated output)	106dB(2V input)
Input Sensitivity: Power Amp Direct IN		1,7 V / 20 kohm	1,7 V / 20 kohm
Signal to Noise Ratio: Power Amp Direct IN		125 dB	125 dB
GENERAL			
Available colors: Gold / Silver / Black / Silver-Gold		• / - / • / -	• / - / • / -
Metal Front Panel		•	•
Power Consumption in W	48	300	220
Standby Consumption in W	48	0.2	0,2
Auto Power off		•	•
Detachable Power Cable		•	•
Remote Control		RC001PMSA	RC001PMSA
System Remote Function		•	•
Maximum Dimensions (W x D x H) in mm		440 x 453 x 168	440 x 453 x 123
Weight in kg		26.6	18.5

RC001PMSA

RC001MS

PREMIUM SA-CD PLAYERS	GLOSSARY	SA-11S3	SA-14S1
FEATURES			
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC	12	• / • / • / • / • / -	• / • / • / • / • / •
CD-Text / SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data		- / • / - / - / -	- / • / • / • / •
iPod / iPhone compatible USB input	40	•	•
DAC operation mode: USB / Coax / Optical	17	• / • / •	• / • / •
Asynchronous mode rear USB		•	•
Bit-perfect transmission		•	•
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	13	-	• / •
Ground isolator for DAC Mode operation		•	•
HDAM version	4	HDAM+HDAM SA2	HDAM+HDAM SA2
Power Transformer: Toroidal / EI	3	• / -	• / -
High Grade Audio Components		•	•
Customised Components	5	•	•
Symmetric circuit layout	6	•	•
Copper plated chassis	7	•	-
Extra metal plate for chassis strengthing		•	•
Digital out off / Audio EX Mode	9	• / -	• / -
Headphone: Standard / Buffer / Current feedback		-/ • (HDAM SA2+HDAM) / •	- / • / • (HDAM SA2)
OTHER			
Selectable filter: CD / SA-CD / DAC-Mode	14	• / - / •	• / - / •
Marantz Musical Mastering	14	•	•
Zero Impedance Matching joint (copper)	8	•	•
Separated rectifier circuit for analogue and digital circuitry		•	•
Display: Dimmer / Off		-/ •	- / •
Low Noise LCD display		•	•
5mm Aluminum top cover		•	-
PLAYBACK			
Program Play(CD)		20	20
Auto Music Scan (AMS)		-	-
Repeat		•	•
Random Play		•	•
Peak Search		-	-
Edit Recording		-	-
Pitch Control		-	-
Start Sound Mode for SA-CD		•	•
Quick Replay		-	-
INPUTS/OUTPUTS			
Analogue Out (Cinch)		2ch	2ch
Balanced Out		•	-
Digital Optical In / Out		• / •	• / •
Digital Coaxial In / Out		• / •	• / •
Sample Rate digital In		192 kHz / 24-bit	192 kHz / 24-bit
Gold plated Cinch		•	•
USB Audio (Front) / Made for iPod / Made for iPhone	15/40	• / • / •	• / • / •
USB type B input for PC (back)	15	•	•
Asynchronous mode rear USB		•	•
Sample Rate USB type B In		192 kHz / 24-bit	192 kHz / 24-bit
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6		-	•
D-Bus	35	•	•
Headphone Out		•	•
Headphone Volume Control		•	•
SPECIFICATIONS			
Mechanism		SACD-M2 (METAL)	FG Mecha (MZ original)
D/A Conversion		Advanced Segment	Multi-bit, Delta-Sigma
DAC IC		DSD1792A	DSD1792A
Digital Filter		DSP (Marantz)	DSD1792A
Noise Shaper		DSP (Marantz)	DSD1792A
Low Pass Filter stage		HDAM x 2	HDAM
Output Buffer		HDAM SA2	HDAM SA2
Headphone amp		HDAM-SA2+HDAM	HDAM-SA2+HDAM
SA-CD AUDIO			
Frequency Response (Cust.)		2 Hz - 50 kHz	2 Hz - 50 kHz
Dynamic Range (SA)		114 dB	112 dB
Signal to Noise Ratio (SA)		109 dB	110 dB
Total Harmonic Distortion (SA)		0,000009	0,001%
Channel Separation (SA)		105 dB	102 dB
CDDA AUDIO			
Frequency Response		2 Hz - 20 kHz	2 Hz - 20 kHz
Dynamic Range		100 dB	100 dB
Signal to Noise Ratio		110 dB	110 dB
Total Harmonic Distortion		0,0015%	0,0015%
Channel Separation		100 dB	100 dB
GENERAL			
Available colors: Gold / Silver / Black / Silver-Gold		• / - / • / -	• / - / • / -
Metal Front Panel		•	•
Remote Control		RC001PMSA	RC001PMSA
Power Consumption in W		45	37
Standby Consumption in W	48	0.3	0.3
Auto power off	48	•	•
Detachable Power Cable		•	•
Maximum Dimensions (W x D x H) in mm		440 x 421 x 123	440 x 419 x 123
Weight in kg		17	14.5

NETWORK AUDIO PLAYER	GLOSSARY	NA-11S1
FEATURES		
Streaming audio from PC	16	•
DAC operation mode: USB B type / Coax / Optical	17	• / • / •
Asynchronous mode rear USB		•
Bit-perfect transmission		•
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	13	• / •
Ground isolator for DAC Mode operation		Advanced
Selectable digital filter: Network / DAC-Mode	14	• / •
Marantz Musical Mastering	14	•
Internet radio		•
AirPlay audio streaming	39	•
Windows Play to	47	•
vTuner / Spotify* / last.fm*	42 /43 /44	• / • / •
USB Audio (Front) / Made for iPod / Works with iPhone	15 / 40	• / • / •
DLNA certified	41	• (v1.5)
Lossy formats: MP3 / WMA / AAC		• / • / •
Lossless formats: FLAC HD 192/24 / ALAC 96/24 / WAV 192/24		• / • / •
Gapless Playback	16	• (FLAC, WAV)
Remote APP: iDevice / Android		• / •
HDAM version	4	HDAM + HDAM SA2
Power Transformer: Toroidal / EI		• / -
High Grade Audio Components		•
Customized Components	5	•
Symmetric circuit layout	6	•
OTHER		
Copper plated chassis	7	•
Extra metal plate for chassis strengthing		•
Headphone: Standard / Buffer / Current feedback		-/ • (HDAM SA2+HDAM) / •
Display: Dimmer / Off		• / •
IN/OUTPUTS		
iPod / iPhone compatible USB (front)	40	•
USB type B input for PC (back)	15	•
Sample Rate USB In		192 kHz / 24-bit & DSD2.8 / DSD5.6
Analogue Out		1x Cinch / 1x XLR
Ethernet port		•
Digital Inputs: Coaxial / Optical		• / •
Digital Outputs: Coaxial / Optical		• / •
Sample Rate digital In		192 kHz / 24-bit
Marantz remote bus	35	•
RS232		•
SPECIFICATIONS		
D/A Conversion		Advanced Segment
DAC IC		DSD1792A
Digital Filter		DSP (MARANTZ)
Noise Shaper		DSP (MARANTZ)
Low Pass Filter stage		HDAM SA2
Output Buffer		HDAM SA2
Headphone amp		Discrete w/ HDAM SA2
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		• / - / • / -
Metal Front Panel		•
Remote Control		RC002NA
Power Consumption in W		50
Standby Consumption in W	48	0.4
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 417 x 123
Weight in kg		14.6

* Not available in all region

RC002NA

Technical Data

INTEGRATED + CONTROL AMPLIFIER	GLOSSARY	PM8005	PM6005	PM5004
FEATURES				
Channels		2	2	2
Current Feedback Topology	2	•	•	•
Phono EQ: Standard / Current Feedback / Constant Current Feedback		- / - / •	• / - / -	• / - / -
Digital in: optical / coaxial		- / -	• / •	- / -
DAC chip		-	CS4398	-
HDAM version	4	SA3, SA2	SA3, SA2	SA3, SA2
Power Transformer: Toroidal / EI	3	• / -	• / -	- / •
High Grade Audio Components		•	•	•
Customised Components	5	•	•	-
Symmetric PCB Layout	6	•	-	-
Aluminium extrusion heat sink		•	•	-
Tri Tone Control (Bass / Mid / Treble)	10	•	-	-
Balance / Bass / Treble / Loudness		• / • / • / -	• / • / • / •	• / • / • / •
OTHER				
Linear Drive Power Supply		•	•	•
Shottky diodes		•	•	-
Input buffer amp (all inputs / CD only)		- / •	- / -	- / -
Solid Heat Sinks		•	•	-
System block shielding: Copper / metal / none		- / - / •	- / - / •	- / - / •
Double Layer Bottom Plate		triple	-	-
Source Direct	9	•	•	•
Power Amp direct	11	•	-	-
Standby Mode		•	•	•
INPUTS/OUTPUTS				
Audio Inputs		6	5	6
Digital in: optical / coaxial		- / -	• / •	- / -
Phono Input: MM / MC		• / -	• / -	• / -
Audio Outputs		1	1	2
Pre-out / Main-in		1 / -	- / -	- / -
Power Amp Direct IN		•	-	-
Gold Plated Cinch		•	•	-
Speaker A / B		•	•	•
Speaker Terminals:		Marantz SPKT-1	Metal (Gold) Screw	Transparent, Screw type
Number of terminals		4	4	4
D-Bus	35	•	•	•
Headphone Out		•	•	•
SPECIFICATIONS				
Power Output (8 / 4 Ohm RMS)		70 W / 100 W	45 W / 60 W	40 W / 55 W
Frequency Response		5 Hz-100 kHz	10 Hz - 70 kHz	10 Hz - 50 kHz
Total Harmonic Distortion		0.02 %	0.05 %	0.05 %
Damping Factor		100	100	100
Input Sensitivity: MM		2 mV / 47 kOhm	2.2 mV / 47 kOhm	2.2 mV / 47 kOhm
Signal to Noise Ratio: MM/MC		87 dB / -	83 dB / -	83 dB / -
Input Sensitivity: High level		200 mV / 20 kOhm	200 mV / 20 kOhm	200 mV / 20 kOhm
Signal to Noise Ratio: High level		106dB(2V input)	102dB(2V input)	103dB(2V input)
Input Sensitivity: Power Amp Direct IN		1.6V / 15 kOhm	-	-
Signal to Noise Ratio: Power Amp Direct IN		125 dB	-	-
GENERAL				
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•
Power Consumption in W		200	150	110
Standby Consumption in W	48	0.3	0,2	0,4
Auto Power off	48	•	•	•
Detachable Power Cable		•	•	•
Remote Control		RC002PMSA	RC001PMCD	RC003PM
System Remote Function		•	•	•
Maximum Dimensions (W x D x H) in mm		440 x 379 x 130	440 x 370 x 105	440 x 370 x 105
Weight in kg		12.2	7.6	6.7

RC002PMSA RC001PMCD RC003PM

SACD + CD PLAYER	GLOSSARY	SA8005	CD6005	CD5004
FEATURES				
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC	12	• / • / • / • / • / -	• / • / - / • / • / •	• / • / - / • / • / -
CD-Text / SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data		- / • / • / • / • / -	• / - / • / • / •	• / - / • / • / -
iPod / iPhone compatible USB input	40	•	•	-
DAC operation mode: USB / Coax / Optical	17	• / • / •	- / - / -	- / - / -
Asynchronous mode rear USB		•	-	-
Bit-perfect transmission		•	-	-
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	13	• / •	-	-
Ground isolator for DAC Mode operation		•	-	-
HDAM version	4	HDAM+HDAM SA2	HDAM+HDAM SA2	SA2
Power Transformer: Toroidal / EI	3	• / -	- / •	- / •
High Grade Audio Components		•	•	•
Customised Components	5	•	•	-
Symmetric circuit layout	6	•	•	•
Extra metal plate for chassis strengthing		•	•	-
Digital out off / Audio EX Mode	9	• / -	• / •	• / •
Headphone: Standard / Buffer / Current feedback		- / • (HDAM-SA2) / -	- / • (HDAM-SA2) / -	- / • (OP amp + Buffer) / -
OTHER				
Selectable filter: CD / SA-CD / DAC-Mode	14	- / - / -	- / - / -	- / - / -
Zero Impedance Matching joint (copper)	8	•	-	-
Separated rectifier circuit for analogue and digital circuitry		•	•	•
Display: Dimmer / Off		• / •	• / •	- / •
PLAYBACK				
Program Play(CD)		20	25	30
Auto Music Scan (AMS)		-	-	•
Repeat		•	•	•
Random Play		•	•	•
Peak Search		-	-	•
Edit Recording		-	-	•
Pitch Control		-	-	•
Start Sound Mode for SA-CD		•	-	-
Quick Replay		-	-	• (5-60sec.)
INPUTS/OUTPUTS				
Analogue Out (Cinch)		2ch	2ch	2ch
Digital Optical In / Out		1 / 1	- / 1	- / 1
Digital Coaxial In / Out		1 / 1	- / 1	- / 1
Sample Rate digital In		192 kHz / 24-bit	-	-
Gold plated Cinch		•	•	•
USB Audio (Front) / Made for iPod / Made for iPhone	15 / 40	• / • / •	• / • / •	- / - / -
USB type B input for PC (back)	15	•	-	-
Asynchronous mode rear USB		•	-	-
Sample Rate USB type B In		192 kHz / 24-bit	-	-
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6		•	-	-
D-Bus	35	•	•	•
Headphone Out		•	•	•
Headphone Volume Control		•	•	•
SPECIFICATIONS				
Mechanism		FG Mecha (MZ original)	CJDKT690	DV11VF
D/A Conversion		Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC		CS4398	CS4398	CS4392
Digital Filter		CS4398	CS4398	CS4392
Noise Shaper		CS4398	CS4398	CS4392
Low Pass Filter stage		HDAM	HDAM	NJM2068
Output Buffer		HDAM SA2	HDAM SA2	HDAM SA2
Headphone amp		HDAM-SA2+Buffer	HDAM-SA2+Buffer	NJM2068
SA-CD AUDIO				
Frequency Response (Cust.)		2 Hz - 50 kHz	-	-
Dynamic Range (SA)		112 dB	-	-
Signal to Noise Ratio (SA)		110 dB	-	-
Total Harmonic Distortion (SA)		0,002%	-	-
Channel Separation (SA)		101 dB	-	-
CDDA AUDIO				
Frequency Response		2 Hz - 20 kHz	2 Hz - 20 kHz	20 Hz - 20 kHz
Dynamic Range		100 dB	100 dB	100 dB
Signal to Noise Ratio		110 dB	110 dB	110 dB
Total Harmonic Distortion		0,002%	0,002%	0,002%
Channel Separation		100 dB	98 dB	98 dB
GENERAL				
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•
Remote Control		RC002PMSA	RC001PMCD	RC002CD
Power Consumption in W		37	32	14
Standby Consumption in W	48	0.3	0.3	0.4
Auto power off	48	•	•	-
Detachable Power Cable		•	•	•
Maximum Dimensions (W x D x H) in mm		470 x 344 x 109	440 x 338 x 105	440 x 340 x 105
Weight in kg		7.8	7.0	5.1

Technical Data

NETWORK AUDIO PLAYER	GLOSSARY	NA8005
FEATURES		
Streaming audio from PC	16	•
DAC operation mode: USB B type / Coax / Optical	17	• / • / •
Asynchronous mode rear USB		•
Bit-perfect transmission		•
USB-B DSD Audio Streaming (DoP): DSD2.8 / DSD5.6	13	• / •
Ground isolator for DAC Mode operation		•
Selectable digital filter: Network / DAC-Mode	14	- / -
Marantz Musical Mastering	14	-
Internet radio		•
AirPlay audio streaming	39	•
Windows Play to	47	•
vTuner / Spotify* / last.fm*	42/43/44	• / • / •
USB Audio (Front) / Made for iPod / Made for iPhone	15 / 40	• / • / •
DLNA certified	41	• (v1.5)
Lossy formats: MP3 / WMA / AAC		• / • / •
Lossless formats: FLAC HD 192/24 / ALAC 96/24 / WAV 192/24		• / • / •
Gapless Playback	16	• (FLAC, WAV)
Remote APP: iDevice / Android		• / •
HDAM version	4	HDAM + HDAM SA2
Power Transformer: Toroidal / EI		- / •
High Grade Audio Components		•
Customized Components	5	•
Symmetric circuit layout	6	•
OTHER		
Copper plated chassis	7	-
Extra metal plate for chassis strengthing		•
Headphone: Standard / Buffer / Current feedback		- / • (HDAM-SA2) / -
Display: Dimmer / Off		• / •
IN/OUTPUTS		
iPod / iPhone compatible USB (front)	40	•
USB type B input for PC (back)	15	•
Sample Rate USB In		192 kHz / 24-bit & DSD2.8 / DSD5.6
Analogue Out		1
Ethernet port		•
Digital Inputs: Coaxial / Optical		• / •
Digital Outputs: Coaxial / Optical		• / •
Sample Rate digital In		192 kHz / 24-bit
Marantz remote bus	35	•
RS232		•
SPECIFICATIONS		
D/A Conversion		Multi-bit, Delta-Sigma
DAC IC		CS4398
Digital Filter		CS4398
Noise Shaper		CS4398
Low Pass Filter stage		HDAM SA2
Output Buffer		HDAM SA2
Headphone amp		HDAM SA2
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •
Metal Front Panel		•
Remote Control		RC003NA
Power Consumption in W		-
Standby Consumption in W	48	-
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 343 x 106
Weight in kg		-

* Not available in all region

TURNTABLE	GLOSSARY	TT5005
FEATURES		
Motor: AC / DC		- / •
Drive System: Belt / Direct		• / -
Bearing: Ceramic / Metal		- / •
Operation: Automatic / Manual		• / -
Speed: 33-1/3 & 45 RPM		• / •
Phono EQ built in (switchable)		•
Stylus (MM / MC)		• / -
Stylus version		DSN-82
Belt: Rubber / Silicon		• / -
SPECIFICATIONS		
Rated Output		2.5 mV / 1 kHz
Frequency Range		20 Hz - 20 kHz
S/N ratio		-
Rated Output Phono EQ		150 mV / 1 kHz
Frequency Range Phono EQ		20 Hz - 20 kHz
S/N ratio Phone EQ		-
GENERAL		
Clever clamp		-
Available colors: Black / White		• / -
Maximum Dimensions (W x D x H) in mm		360 x 357 x 97
Weight in kg		2.8

NETWORK SYSTEM	GLOSSARY	M-CR610 MELODY MEDIA	M-CR510 MELODY STREAM
FEATURES			
High quality power output		2 x 60 W	2 x 60 W
CD Compatibility: CD / CD-R/RW / WMA / MP3		• / • / • / •	• / • / • / •
Tuner: DAB / DAB+ / FM (RDS) / AM		• / • / • / -	- / - / - / -
Streaming audio from PC	16	•	•
Internet radio		•	•
AirPlay audio streaming	39	•	•
Windows 8	47	•	•
vTuner / Spotify* / last.fm*	42/43/44	• / • / •	• / • / •
USB Audio (Front) / Made for iPod / Made for iPhone	15 / 40	• / • / •	• / • / •
USB Audio (Rear) / Made for iPod / Made for iPhone	15 / 40	• / • / •	• / • / •
Ethernet / WiFi		• / •	• / •
WiFi setup: WPS / WiFi Sharing		• / •	• / •
DLNA certified	41	• (v1.5)	• (v1.5)
Lossy formats: MP3 / WMA / AAC		• / • / •	• / • / •
Lossless formats: FLAC HD 192/24 / ALAC 96/24 / WAV 192/24		• / • / •	• / • / •
Gapless Playback	16	• (FLAC, WAV)	• (FLAC, WAV)
WMM (WiFi Multimedia)		•	•
Remote APP: iDevice / Android		• / •	• / •
Tone Control: Bass / Treble / Balance		• / • / •	• / • / •
Clock		•	•
Sleep Timer		•	•
Programmable Timer: Once / Daily		• / •	• / •
INPUTS/OUTPUTS			
AUDIO			
Analogue In/out		2 / 1	1 / 0
Digital Optical In/Out		• / -	• / -
OTHER			
iPod / iPhone compatible USB input	40	2	2
Subwoofer PreOut		•	•
Speaker Terminal: click fit / Screw		- / •	- / •
Headphone Out		•	•
Speaker A / B		•	-
Bi-amping		•	-
Powered multi-room for one extra room		•	-
SPECIFICATIONS			
AUDIO SECTION			
Power Output (6 ohm, 1kHz)		60 W	60 W
Number of channels		2	2
Freq. Response (Analogue In)		5 Hz - 22 kHz	5 Hz - 22 kHz
Signal to Noise Ratio (audio)		86 dB	86 dB
Total Harmonic Distortion (audio)		0,001	0,001
DAB SECTION			
Receiving Range (Band III / Band L)		• / -	-
Signal to Noise Ratio DAB (Mono/Stereo)		90 dB	-
Total Harmonic Distortion DAB		0.02%	-
Frequency response DAB		20Hz - 20 kHz	-
Stereo Separation DAB		75 dB	-
TUNER SECTION FM			
Frequency Range FM		87.5 - 108 MHz	-
Signal to Noise Ratio (Mono/Stereo) FM		65 / 60 dB	-
Total Harmonic Distortion (Mono/Stereo) FM		0.8 / 1.0%	-
GENERAL			
Available colors: Black / Black-White		• / •	• / •
Remote Control		RC011CR	RC010CR
Power Consumption in W		50	50
Standby Consumption in W	48	0.4	0.4
DAB antenna included		•	-
Maximum Dimensions (W x D x H) in mm		292 x303 x 112	292 x 302 x 78
Weight in kg		3.4	2.7

* Not available in all region

AV PRE-AMPLIFIER	GLOSSARY	AV8801	AV7701
FEATURES			
MULTICHANNEL SURROUND			
DTS HD Master / DTS ES / DTS 96/24	31 / 32	• / • / •	• / • / •
Dolby TrueHD / Dolby Digital EX / ProLogic IIz	29 / 30	• / • / •	• / • / •
Audyssey DSX	33	•	•
DTS-Neo:X		• (11ch)	-
Multichannel Stereo		•	•
Max. number of processing (preamp) channels		11.2	7.2
SOUND ENHANCEMENTS			
Copper plated chassis		•	-
Power Transformer: Toroidal / EI	3	• / -	- / •
Current Feedback Topology	2	•	•
Hyper Dynamic Amplifier Modules (HDAM)	4	•	•
Pure Direct		•	•
High Grade Audio Components		•	•
Gold plated RCA terminals		•	•
Clock Jitter Reducer		•	•
Audyssey	19 / 20	MultEQ XT32 (PRO)	MultEQ XT (PRO)
Audyssey Dynamic EQ / Dynamic Volume	19 / 20	• / •	• / •
Audyssey LFC	19	•	-
Compressed audio Enhancer: MDAX2	18	•	•
NETWORK			
DLNA Certified	41	• (v1.5)	• (v1.5)
Lossy formats: MP3 / WMA / AAC		• / • / •	• / • / •
Lossless formats: FLAC HD 192/24 / ALAC 96/24 / WAV 192/24		• / • / •	• / • / •
Gapless playback	16	• (FLAC, WAV)	• (FLAC, WAV)
AirPlay audio streaming	39	•	•
Windows PlayTo / Windows 8/RT compatible	47	• / •	• / W7
Internet Radio (vTuner)	42	•	•
Spotify* / last.fm*	43 / 44	• / •	• / •
Compatible with Remote APP for Smart Phones		Android/iOS	Android / iOS
Ethernet Ports		4	•
HDMI			
HDMI inputs: back / front		6 / 1 (MHL)	6 / 1
HDMI outputs: main / zone		2 / 1	2 / 1
Analogue to HDMI scaling	21	up to 4k	up to 4k
HDMI to HDMI scaling	21	up to 4k	up to 4k
HDMI: 3D / 4K / CEC / ARC / InstaPrevue		• / • / • / • / •	• / • / • / • / -
HDMI pass-though in standby mode		•	•
Picture adjust / Noise reduction		• / •	• / •
DSD Audio capability		•	•
MULTIROOM / CI			
Multiroom zones	34	4	3
Zone audio source: HDMI / opt, coax / Network, USB / analog		- / - / • / •	- / - / • / •
Zone audio output: speaker / preout		- / •	- / •
Zone HDMI output from HDMI source		•	•
IP control / RS232 control / Web control / App control		• / • / • / •	• / • / • / •
IR Flasher In		•	•
Marantz remote bus		•	•
DC Trigger output	36	2	2

* Not available in all region

AV PRE-AMPLIFIER	GLOSSARY	AV8801	AV7701
OTHERS			
Bluetooth audio via RX101		•	•
Graphic User Interface - GUI		Advanced	Advanced
GUI languages	24	9	7
Setup Assistent		•	•
Firmware Update by Network / USB		• / •	• / •
Variable cross over		•	•
Optimized Bass Redirection		•	-
Bass Sync		•	-
Auto Power off		•	•
Sleep Timer		•	•
INPUTS/OUTPUTS			
VIDEO			
Composite In / Out		4 / 1	3+1 / 2
Component In / Out	23	3 / 1	3 / 1
HDMI In / Out		6+1 / 3	6+1 / 3
Multi-Room Video Out: Video / HDMI		• / •	• / •
AUDIO			
Analogue In / Out		6+1 (1x XLR) / 1	5+1 (1x XLR) / 1
Phono (MM) In		•	•
Digital in: optical / coaxial		2 / 2	2 / 2
Multi-Room Out: analog / digital		2 / -	2 / -
Multichannel Pre Out		• (11.2 RCA & 11.2 XLR)	• (11.2 RCA & 7.2 XLR)
Subwoofer Out		2 (independant)	2
7.1 multichannel input		•	•
OTHER			
M-XPort for RX101		•	•
Speaker A / B		assignable pre out	-
Bi-amp drive	15	assignable pre out	RCA + XLR
Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB	15 / 40	• / • / - / • / •	• / • / - / • / •
USB Audio (Front) / Made for iPod / Works with iPhone		• / • / •	• / • / •
FM Tuner with RDS		•	•
GENERAL			
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -	- / - / • / -
System Remote Control		RC019SR	RC016SR
Pre-programmed / Learnable / LCD Display		• / • / •	• / • / •
Power Consumption in W	48	90 W	60 W
Standby Consumption in W		0.2 W	0.2 W
Maximum Dimensions (W x D x H) in mm		440 x 389 x 185	440 x 389 x 185
Weight in kg		13.9 kg	9.8 kg

RC016SR

RC019SR

AV8801

AV7701

AV POWER AMPLIFIER	GLOSSARY	MM8077	MM7055	MM7025
FEATURES				
Channels		7	5	2
Current Feedback Topology	2	•	•	•
Power Transformer: Toroidal / EI	3	• / -	- / •	- / •
High Grade Audio Components		•	•	•
Customised Components	5	•	•	•
Copper plated chassis	7	•	-	-
Double Layer Bottom Plate		•	-	-
Aluminium extrusion heat sink		• (tunnel)	•	•
OTHER				
Linear Drive Power Supply		•	•	•
Input buffer amp (all inputs / CD only)		• / -	• / -	• / -
Standby Mode		•	•	•
INPUTS/OUTPUTS				
Balanced In / Out		7 / -	5 / -	2 / -
Pre-out / Main-in		- / 7	- / 5	- / 2
Speaker Terminal: Screw / Marantz / WBT		• (gold plated) / - / -	• / - / -	• / - / -
Number of terminals		7	5	2
D-Bus	35	•	•	•
Remote Power Control (Trigger - In / Out)	36	•	•	•
Flasher In / IR Receiver In	37	• / -	• / -	• / -
SPECIFICATIONS				
Power Output (8 / 4 Ohm RMS)		150 W / 180 W (6)	140 W / 170 W (6)	140 W / 170 W (6)
Frequency Response		8 Hz-100 kHz (+-3 dB)	8 Hz-100 kHz (+-3 dB)	8 Hz-100 kHz (+-3 dB)
Total Harmonic Distortion		0.03% (20 Hz - 20 kHz)	0.03% (20 Hz - 20 kHz)	0.03% (20 Hz - 20 kHz)
Damping Factor		100	100	100
Input Sensitivity: High level		1.2 V / 22 K	1.2 V / 22 K	1.2 V / 22 K
Input Sensitivity: Balanced High level		2.4 V / 30 K	2.4 V / 30 K	2.4 V / 30 K
Signal to Noise Ratio: High level		105 dB	105 dB	105 dB
GENERAL				
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -	- / - / • / -	- / - / • / -
Metal Front Panel		•	•	•
Power Consumption in W		880	440	220
Standby Consumption in W	48	0.4	0.4	0.4
Auto power off	48	•	•	•
Detachable Power Cable		•	•	•
Maximum Dimensions (W x D x H) in mm		440 x 384 x 185	440 x 384 x 183	440 x 352 x 126
Weight in kg		18.0	15.2	10.5

MM8077

MM7055

MM7025

SR7008

SR6008

SR5008

NR1604

NR1504

AV RECEIVER	GLOSSARY	SR7008	SR6008	SR5008	NR1604	NR1504
FEATURES						
MULTICHANNEL SURROUND						
DTS HD Master / DTS ES / DTS 96/24	31 / 32	• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
Dolby TrueHD / Dolby Digital EX / ProLogic IIz	29 / 30	• / • / •	• / • / •	• / • / •	• / • / •	• / - / -
Audyssey DSX	33	•	•	-	-	-
DTS-Neo:X		• (9ch)	• (7ch)	-	-	-
Multichannel Stereo		•	•	•	•	•
Max. number of processing (preamp) channels		9.2	7.1	7.1	7.1	5.1
SOUND ENHANCEMENTS						
Current Feedback Topology	2	•	•	•	-	-
Hyper Dynamic Amplifier Modules (HDAM)	4	•	•	•	-	-
Pure Direct		•	•	•	•	•
High Grade Audio Components		•	•	•	-	-
Gold plated RCA terminals		•	•	-	-	-
Clock Jitter Reducer		•	-	-	-	-
Audyssey	19 / 20	MultEQ XT32 (PRO)	MultEQ XT (PRO)	MultEQ XT	MultEQ	MultEQ
Audyssey Dynamic EQ / Dynamic Volume	19 / 20	• / •	• / •	• / •	• / •	• / •
Audyssey LFC	19	•	-	-	-	-
Compressed audio Enhancer: MDAX2	18	•	•	•	•	•
NETWORK						
DLNA Certified	41	• (v1.5)	• (v1.5)	• (v1.5)	• (v1.5)	• (v1.5)
Lossy formats: MP3 / WMA / AAC		• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
Lossless formats: FLAC HD 192/24 / ALAC 96/24 / WAV 192/24		• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
Gapless playback	16	• (FLAC, WAV)	• (FLAC, WAV)	• (FLAC, WAV)	• (FLAC, WAV)	• (FLAC, WAV)
AirPlay audio streaming	39	•	•	•	•	•
Windows PlayTo / Windows 8/RT compatible	47	• / •	• / •	• / •	• / •	• / •
Internet Radio (vTuner)	42	•	•	•	•	•
Spotify* / last.fm*	43 / 44	• / •	• / •	• / •	• / •	• / •
Compatible with Remote APP for Smart Phones		Android / iOS	Android / iOS	Android / iOS	Android / iOS	Android / iOS
HDMI						
HDMI inputs: back / front		6 / 1	6 / 1	6 / 1	6 / 1	5 / 1
HDMI outputs: main / zone		2 / 1	1 / 1	1 / -	1 / -	1 / -
Analogue to HDMI scaling	21	up to 4k	up to 4k	up to 4k	up to 4k	-
HDMI to HDMI scaling	21	up to 4k	up to 4k	up to 4k	up to 4k	-
HDMI: 3D / 4K / CEC / ARC / InstaPrevue		• / • / • / • / •	• / • / • / • / •	• / • / • / • / -	• / • / • / • / -	• / - / • / • / -
HDMI pass-though in standby mode		•	•	•	•	•
Picture adjust / Noise reduction		• / •	• / •	• / •	• / •	- / -
DSD Audio capability		•	•	-	-	-
MULTIROOM / CI						
Multiroom zones	34	3	2	2	2	-
Zone audio source: HDMI / opt, coax / Network, USB / analog		• / • / • / •	• / • / • / •	- / - / • / •	- / - / • / •	- / - / - / -
Zone audio output: speaker / preout		• / •	• / •	• / •	• / •	- / -
Zone HDMI output from HDMI source		•	•	-	-	-
IP control / RS232 control / Web control / App control		• / • / • / •	• / • / • / •	• / • / • / •	• / - / - / •	• / - / - / •
IR Flasher In		•	•	•	•	•
Marantz remote bus		•	•	•	•	•
DC Trigger output	36	2	1	1	1	-
OTHERS						
Bluetooth audio via RX101	38	•	•	•	•	•
Graphic User Interface - GUI		Advanced	Advanced	Advanced	Advanced	Hybrid GUI
GUI languages		9	9	9	9	9
Setup Assistent	24	•	•	•	•	•
Firmware Update by Network / USB		• / •	• / •	• / •	• / •	• / •
Optimized Bass Redirection		•	•	•	•	•
INPUTS/OUTPUTS						
VIDEO						
Composite In / Out		3+1 / 2	3+1 / 1	2+1 / 1	3 / 1	3 / 1
Component In / Out		3 / 1	2 / 1	2 / 1	2 / 1	- / -
HDMI In / Out	23	6+1 / 3	6+1 / 2	6+1 / 1	6+1 / 1	5+1 / 1
Multi-Room Video Out: Video / HDMI		• / •	- / •	- / -	- / -	- / -
AUDIO						
Analogue In / Out		5+1 / 1	5+1 / -	4+1 / -	3 / -	3 / -
Phono (MM) In		•	•	-	-	-
Digital in: optical / coaxial		2 / 2	2 / 2	2 / 2	1 / 1	1 / 1
Multi-Room Out: analog / digital		2 / -	1 / -	1 / -	1 / -	- / -
Multichannel Pre Out		• (11.2) / -	• (7.2) / -	• (7.2) / -	• (2.1) / -	• (2.1) / -
Subwoofer Out		2 (independant)	2	2	1	1
7.1 multichannel input		•	•	•	-	-
OTHER						
M-XPort for RX101		•	•	•	•	•
Speaker Terminal: Gold plated screw / regular screw		• / -	• / -	- / •	- / •	- / •
Speaker A/B / Bi-amp drive / Multi-Room Speaker		assignable	assignable	assignable	assignable	-
Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB	15	• / • / - / • / •	• / • / - / • / •	• / • / - / • / •	- / - / - / • / •	- / - / - / • / •
USB Audio (Front) / Made for iPod / Works with iPhone	15 / 40	• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
FM Tuner with RDS		•	•	•	•	•
SPECIFICATIONS						
number of poweramps		9	7	7	7	5
Power Output (8 ohm, 20 Hz - 20 kHz, 0.08% 2ch Drive)		125 W (0.05%)	110 W	100 W	50 W	50 W
Power Output (8 ohm, 1 kHz, 1%, 1ch Drive)		200 W	185 W	180 W	90 W	85 W
70% Guarantee	1	•	•	•	-	-
GENERAL						
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •	- / - / • / •	- / - / • / •	- / - / • / •
System Remote Control		RC023SR	RC022SR	RC021SR	RC021SR	RC020SR
Pre-programmed / Learnable / LCD Display		• / • / •	- / - / -	- / - / -	- / - / -	- / - / -
Power Consumption in W		710W	650W	650W	220W	180W
Standby Consumption in W	48	0.2 W	0.2 W	0.2 W	0.2 W	0.2 W
Maximum Dimensions (W x D x H) in mm		440 x 399 x 185	440 x 389 x 161	440 x 335 x 161	440 x 367 x 105	440 x 367 x 105
Weight in kg		13.6 kg	11.2 kg	10.1 kg	8.4 kg	8.2 kg

* Not available in all region

NR1604

SR7008

Technical Data

BLU-RAY & DVD PLAYERS	GLOSSARY	UD7007	UD5007
FEATURES			
Compatibility: CD / SACD / DVD / DVD-A / Blu-ray Disc	12	• / • / • / • / •	• / • / • / • / •
Audio / Video streaming from network	16 / 28	•	•
Online contents service: YouTube Leanback / Netflix*		• / •	• / •
Audio exclusive mode	9	•	•
Quick Start Mode		•	•
Video Scaling on HDMI: up to 1080P	21	•	•
3D video support	26	•	•
Compressed Audio Compatibility: WMA / MP3		• / •	• / •
MULTICHANNEL/SURROUND			
Decoder: Dolby Digital Plus / Dolby TrueHD / DTS HD	29 / 31	• / • / •	• / • / •
Decoder: DD / DTS / DTS96/24 / SACD		• / • / • / •	• / • / • / •
DSD from SACD via HDMI		•	•
Multi Channel Down Mix: DD / DTS / SA-CD	35	• / • / •	• / • / •
AUDIO/VIDEO ENHANCEMENTS			
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD	12	• / • / - / •	• / • / - / •
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW		• / • / • / • / •	• / • / • / • / •
AVCHD / DivX HD / DivX6 / DivX Ultra / DivX plus HD	27	• / • / • / - / •	• / • / • / - / •
MP3 / WMA from: CD / DVD / USB		• / • / •	• / • / •
Image Disc Compatibility: JPEG / JPEG HD / Picture CD		• / - / -	• / - / -
HDAM version	4	SA-2	-
High Grade Audio Components		•	•
Customised Components	5	•	-
System block shielding: Copper plated / Metal / none		- / • / -	- / • / -
Double Layer Bottom Plate		•	-
Gold Plated Cinch		•	•
OTHERS			
CEC		•	•
True 24 Frames Per Second (FPS)		•	•
NETWORK			
DLNA Certified	41	• (v1.5)	• (v1.5)
Network Audio: MP3 / WMA / AAC / FLAC / WAV	16	• / • / • / • / •	• / • / • / • / •
Network static video (JPEG)		•	•
Network Video: MPEG / DivX Plus HD / H.264 / WMV		• / • / • / •	• / • / • / •
Online contents service: YouTube Leanback / Netflix*	45 / 46	• / •	• / •
INPUTS/OUTPUTS			
VIDEO			
HDMI Out	23	2	1
AUDIO			
Analogue Out: 2ch / 5.1ch / 7.1ch (Cinch)		• / - / -	• / - / -
Digital Out: Coax/ Optical		• / -	- / -
OTHER			
USB	15	•	•
Ethernet		•	•
D.Bus	35	•	•
Flasher IN / OUT	37	• / •	• / •
RS232		•	-
SPECIFICATIONS			
D/A convertion (audio)		192 kHz / 32-bit	192 kHz / 24-bit
Frequency response CD (linear PCM)		2 Hz to 20 kHz	2 Hz to 20 kHz
Frequency response (SACD, DVD-A)		2 Hz - 40 kHz (SA-CD)	2 Hz - 40 kHz (SA-CD)
Signal to Noise Ratio		120 dB	115 dB
Dynamic Range: CD / DVD		105 dB	100 dB
Total Harmonic Distortion (THD)		0,0020%	0,0025%
GENERAL			
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •
Metal Front Panel		•	-
Remote Control		RC006UD	RC006UD
Power Consumption in W		40	20
Standby Consumption in W	48	0.3	0.3
Maximum Dimensions (W x D x H) in mm		440 x 331 x 107	440 x 307.5 x 107
Weight in kg		6.5	5.0

* Not available in all region

UD7007

UD5007

marantz

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WHERE TO HEAR AND SEE

Please visit our website, for your nearest authorized dealer and/or distributor address.

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SPECIAL THANKS TO:

Jan Klupper • Dana Hall • Jay Rodriguez • Bill Ware • Abraham Burton • Chris Beck • Ed Cherry • Fay Victor • James Zollar • Jill McCarron • Jim Seeley • Roman Filiu • Tommy Campbell • Jonathan Powell • Gregg August

Smalls Jazz Club, NYC

Availability of models may vary from country to country. Marantz reserves the right to change the design and specification due to a policy of continuous product improvements without notice.

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Warranty for Marantz products
Premium Series: 36 months.
All other models: 24 months.

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